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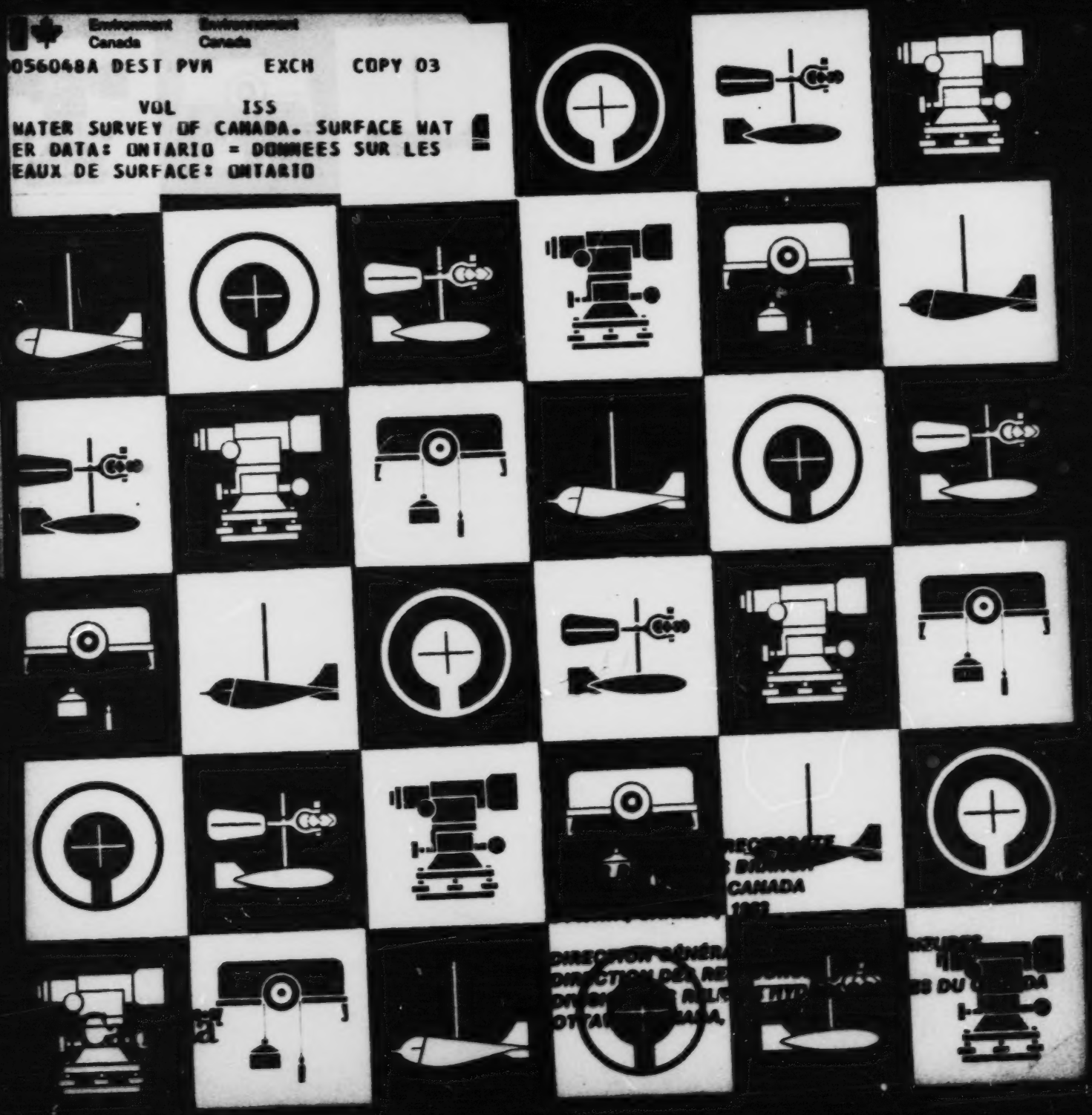
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Metric Commission Canada has granted use of the National Symbol for Metric Conversion. The metric usage in this text has been reviewed by the Metric Screening Office of the Canadian General Standards Board.

La Commission du système métrique Canada a autorisé l'utilisation du symbole national de conversion au système métrique. Le Service du contrôle métrique de l'Office des normes générales du Canada a revisé l'utilisation du système métrique dans cette publication.

One of the primary roles of the Water Resources Branch, Environment Canada, is to maintain a systematic hydrometric survey program across the nation. This survey involves the measurement of the flow and level of water in rivers, streams and lakes, as well as compilation, analysis and publication of the data. During 1983 the Water Resources Branch will be celebrating 75 years of dedication and service to the hydrologic community.

The history of the hydrometric survey in Canada can be traced back to 1894 when some stream measurement was done in connection with irrigation surveys. However, it was not until 1908, when Parliament made its first specific appropriation for gauging streams and determining the water supply in southern Alberta and Saskatchewan, that the Hydrographic Survey was founded. The year 1911 saw the establishment of the Dominion Water Power Branch, which consolidated the hydrometric survey program already in operation for irrigation requirements, the water power investigation under way on the Winnipeg and Bow rivers, and the administration of water power on Dominion lands. In 1913 and subsequent years, arrangements were made with the provincial governments across Canada to continue the hydrometric survey program under the Dominion Water Power Branch, while passing the administration of nearly all water resources to the provinces.

In 1975 federal-provincial agreements were established which recognized that water quantity data may be collected to meet federal needs, provincial needs, or both. According to the agreements, the operation of the networks would be provided on a shared cost basis according to each party's needs.

The Dominion Water Power Branch has undergone numerous changes of name over the 75-year period, but a systematic program for the collection and publication of hydrometric data has remained. Today the program spans the nation, with data being collected at nearly 3500 different locations. The results are made available in annual publications and more recently, in a form suitable for computers. The program is being improved constantly to ensure a continued high calibre of service to the people of Canada.

L'une des principales fonctions de la Direction des ressources en eau d'Environnement Canada consiste à gérer un programme systématique de relevés hydrométriques partout au pays. Ces relevés comprennent la mesure du débit et du niveau de l'eau dans des cours d'eau et des lacs ainsi que le rassemblement, l'analyse et la publication des données. En 1983, la Direction des ressources en eau célébrera ses 75 ans de dévoués services aux hydrologistes.

Les premiers relevés hydrométriques au Canada remontent à 1894; on effectua alors certaines mesures dans des cours d'eau pour faire des relevés se rapportant à l'irrigation. Cependant, ce n'est qu'en 1908, année où le Parlement vota pour la première fois des crédits pour jauger des cours d'eau et calculer l'approvisionnement en eau dans le sud de l'Alberta et de la Saskatchewan, que les Relevés hydrographiques furent créés. L'année 1911 vit la mise sur pied des Services des forces hydrologiques du Dominion, qui réunissaient le programme déjà en cours de relevés hydrométriques à des fins d'irrigation, l'étude de l'aménagement hydro-électrique des rivières Winnipeg et Bow, qui était en cours, et la gestion des ressources hydro-électriques des terres du Dominion. En 1913 et au cours des années qui suivirent, des ententes furent conclues avec les gouvernements provinciaux en vertu desquelles le programme de relevés hydrométriques serait poursuivi sous l'autorité des Services des forces hydrologiques du Dominion, tandis que la gestion de presque toutes les ressources en eau irait aux provinces.

En 1975, les gouvernements fédéral et provinciaux conclurent des accords stipulant que des données sur le débit des eaux pouvaient être recueillies pour répondre aux besoins du fédéral ou des administrations provinciales, les coûts étant partagés entre chaque partie en proportion de ses besoins.

Les Services des forces hydrologiques du Dominion ont changé plusieurs fois de nom depuis 75 ans, mais il y a toujours eu un programme systématique de collecte et de publication des données hydrométriques. Aujourd'hui, le programme s'étend à tout le pays, et des données sont recueillies dans presque 3500 stations différentes. Les résultats paraissent dans des publications annuelles et, depuis quelque temps, ils sont présentés de façon à être traités par informatique. Le programme est amélioré pour que les Canadiens puissent profiter constamment d'un service de haute qualité.

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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chiefs of the Water Resources Branch at Guelph, Ontario and Winnipeg, Manitoba.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision des Chefs régionaux de la Direction des ressources en eau, à Guelph (Ontario) et Winnipeg (Manitoba).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1982 calendar year, the results of the hydrometric survey investigations which were made in Ontario, by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment,
Federal Building,
75 Farquhar Street,
Guelph, Ontario.
N1H 3N4

Regional Chief,
Water Resources Branch,
Department of the Environment,
521 Federal Building,
269 Main Street,
Winnipeg, Manitoba.
R3C 1B2

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1982, the hydrometric surveys in Ontario were conducted by the Water Survey of Canada under agreement with the Province of Ontario. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

In Ontario, hydrometric survey operations during the years 1912 to 1919 were carried out by the Hydro-Electric Power Commission of Ontario and the results were published in the annual reports of the Commission. Commencing October 1, 1919, under the terms of a co-operative arrangement with the Commission, the Dominion Water and Power Bureau assumed the responsibility for the hydrometric and fundamental water resources investigations in the province. Although this arrangement was terminated on March 31, 1933 work was continued by the federal government under letter arrangement with the Province of Ontario and the Hydro-Electric Power Commission until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Ontario on June 12, 1975. The agreement

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INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1982, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Ontario.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Édifice fédéral
75, rue Farquhar
Guelph (Ontario)
N1H 3N4

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
521 Édifice fédéral
269, rue Main
Winnipeg (Manitoba)
R3C 1B2

ou au Directeur, Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0E7.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1982, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Ontario en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

En Ontario, la Commission d'énergie hydro-électrique de l'Ontario a effectué entre 1912 et 1919 des relevés hydrométriques, et on a publié dans les rapports annuels de cette Commission les résultats ainsi recueillis. En vertu d'une entente de coopération conclue avec cette dernière, le Bureau fédéral de l'eau et de l'énergie a assumé, à compter du 1er octobre 1919, la responsabilité de la conduite, en Ontario, de recherches hydrométriques et de recherches fondamentales sur les ressources en eau. L'entente a pris fin le 31 mars 1933, mais en vertu d'une lettre d'entente avec la province de l'Ontario et la Commission d'énergie hydro-électrique de l'Ontario, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 12 juin 1975, le gouvernement de l'Ontario a signé un nouvel accord, qui est entré en

provides that water quantity surveys will be continued by the federal government on a shared cost basis and in close co-operation with Ontario Hydro, Ontario Ministry of Natural Resources and the Ontario Ministry of the Environment.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

This publication includes the annual water level data for the Tides and Water Level Network in Ontario on the Great Lakes and the St. Lawrence River. These data are collected and prepared under a Memorandum of Understanding between the Environmental Conservation Service and Ocean Science and Surveys. This memorandum recognizes the need for both parties to collect and publish water level data for their respective needs of management of the water resources and navigation. Under the memorandum the Water Resources Branch operates and maintains the water level gauges and the data are prepared by the Marine Environmental Data Services Branch of Ocean Science and Surveys. The data prior to 1981 were compiled and published by the Canadian Hydrographic Service in an annual publication series entitled "Water levels, Daily Means" which will continue for the stations downstream of Lac St. Pierre on the St. Lawrence and on the marine coasts.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Department of Fisheries and Oceans;
International Lake Superior Board of Control;
International Lake of the Woods Control Board;
International Niagara Board of Control;
International Rainy Lake Board of Control;
International St. Lawrence River Board of Control;
Ministry of Transport (Canada).

Provincial – Ontario Hydro;
Ontario Ministry of Natural Resources;
Ontario Ministry of the Environment.

vigueur le 1er avril 1975, renferment des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques, en étroite collaboration avec l'Hydro-Ontario et les ministères des Ressources naturelles et de l'Environnement de l'Ontario, et partagera le coût des mesures avec la province.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La présente publication renferme les données sur les niveaux d'eau annuels enregistrés au réseau de mesure des marées et des niveaux d'eau sur les Grands lacs et le Saint-Laurent, en Ontario. Ces données sont recueillies et préparées en vertu d'un protocole d'entente conclu entre le Service de la conservation de l'environnement et les Sciences et levés océaniques. Ce protocole reconnaît que les deux parties sont tenues de recueillir et de publier des données sur les niveaux d'eau pour leurs propres besoins de gestion des eaux et de navigation. À cette fin, la Direction des ressources en eau exploite et entretient les jauges, tandis que la Direction des services des données sur le milieu marin des Sciences et levés océaniques s'occupe de la préparation des données. Avant 1981, le Service hydrographique du Canada a compilé et publié ces données dans le cadre d'une série annuelle intitulée: «Niveaux d'eau: Moyennes journalières», série qui continuera de paraître pour les stations situées en aval du lac St-Pierre, sur le Saint-Laurent, et sur les côtes maritimes.

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère des Pêches et Océans
Comité international de contrôle du lac Supérieur,
Comité international de contrôle du lac des Bois,
Comité international de contrôle de Niagara,
Comité international de contrôle du lac Rainy,
Comité international de contrôle du fleuve Saint-Laurent,
Ministère des Transports (Canada).

Niveau provincial – Hydro-Ontario,
Ministère des Ressources naturelles de l'Ontario,
Ministère de l'Environnement de l'Ontario.

Private – Abitibi-Price Inc.;
Great Lakes Power Company Limited;
Algoma Steel Corporation Limited;
Eddy Forest Products Limited;
International Nickel Company of Canada Limited;
Great Lakes Forest Products Limited;
Spruce Falls Power and Paper Company;
Ontario Minnesota Pulp and Paper Company Ltd.

Secteur privé – *Abitibi-Price Inc.,*
Great Lakes Power Company Limited,
Algoma Steel Corporation Limited,
Eddy Forest Products Limited,
International Nickel Company of Canada Limited,
Great Lakes Forest Products Limited,
Spruce Falls Power and Paper Company,
Ontario Minnesota Pulp and Paper Company Limited.

CONVERSION FACTORS

The following list of convenient equivalents of measure gives the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 5280 feet
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 640 acres

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 0.160 54 cubic foot
1 imperial gallon equals 4.546 09 L (litres)
1 U.S. gallon equals 0.133 68 cubic foot
1 imperial gallon equals 1.2010 U.S. gallons

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit – 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

FACTEURS DE CONVERSION

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre vaut 5280 pieds
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre équivaut à 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré vaut 640 acres

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial équivaut à 0.160 54 pied cube
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon américain équivaut à 0.133 68 pied cube
1 gallon impérial équivaut à 1.2010 gallon américain

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit – 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Conversion Factors".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 270 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Facteurs de conversion».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 270 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI) and future editions will be published every three years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record to 1976 for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI) and future editions will be published every three years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

During the years 1948–1960, some sediment data were collected for several prairie rivers to meet the demands of particular projects and the results included in the 1961 publication. All subsequent editions titled *Sediment Data Canadian Rivers* were published annually, the same as for the Surface Water Data publications but in one volume. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and will continue to be published on an annual basis.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les trois ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement allant jusqu'en 1976, pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les trois ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

De 1948 à 1960, certaines données sur les sédiments étaient recueillies de divers cours d'eau des Prairies afin de répondre aux besoins de projets particuliers et les résultats paraissaient dans l'édition de 1961. Toutes les éditions subséquentes intitulées *Données sur les sédiments de rivières canadiennes* étaient publiées annuellement, comme c'est le cas pour les données sur les eaux de surface, mais dans un seul tome. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et la publication va paraître chaque année.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations where sediment data in Canada were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

The first edition of a new biennial publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI) and future editions will be published every five years. The latest edition supersedes all previous editions since it contains any corrections or additions since the last publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates the presence of ice at the gauging station. For gauging stations where discharge data are obtained, this symbol indicates that the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

La première édition de l'*Index de référence des données sur les sédiments* renfermait les données disponibles jusqu'en 1972. Elle comprenait une mise en tableaux des emplacements où des données sur les sédiments sont recueillies au Canada par la Division des relevés hydrologiques. L'Index est subdivisé alphabétiquement par province ou territoire et les stations de relevés des sédiments sont classées en ordre alphabétique. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et sont publiées tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

La première édition d'une nouvelle série de publications paraissant tous les deux ans et intitulée *Sommaire chronologique des données sur les sédiments de rivières canadiennes* renfermait les données disponibles jusqu'en 1974. Cette série présente un résumé des moyennes mensuelles et annuelles de la charge de sédiments en suspension, des extrêmes annuels de la concentration quotidienne et de la charge quotidienne des sédiments en suspension, ainsi que de la charge totale annuelle des sédiments en suspension. À partir de 1978, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les cinq ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique la présence de glaces à la station de jaugeage, qui ont faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located in appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon (1) the stability of the stage-discharge relationship; or if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge and interpretation of records. Because of all the variable factors mentioned above, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data.

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, B and E.

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by Region, therefore data for a particular province may include fiche from two or more Regions. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, Region, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur (1) la stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence des mesures de débits, et (2) sur la précision des observations sur les niveaux, des mesures de débits et de l'interprétation des relevés. À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données.

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, B et E.

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par région. Les données relatives à une province en particulier peuvent donc inclure des fiches en provenance de deux régions ou plus. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la région, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

ABITIBI RIVER AT ABITIBI CANYON - STATION NO. 04HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	96.0	201	176	197	1 220	178	85.5	117	92.8	246	380	278	1
2	168	208	184	186	1 380	181	73.3	141	83.8	306	351	329	2
3	162	183	170	198	1 410	255	65.7	201	78.7	309	343	310	3
4	154	224	218	56.6	1 308	246	62.0	208	93.4	299	358	312	4
5	169	248	191	123	1 350	240	96.0	200	118	307	353	310	5
6	113	210	197	103	1 260	199	85.0	199	65.4	241	350	309	6
7	132	176	158	196	1 110	132	88.3	199	133	278	370	285	7
8	146	224	140	152	974	218	71.1	111	184	277	357	316	8
9	114	124	184	148	784	209	63.8	151	180	312	324	272	9
10	172	180	192	120	729	232	84.1	163	200	332	309	291	10
11	207	176	214	92.3	692	201	91.7	242	165	274	318	233	11
12	165	245	203	153	673	166	209	306	65.9	263	332	237	12
13	124	188	204	141	641	55.8	349	271	157	258	419	234	13
14	147	150	132	191	591	112	339	261	201	306	483	261	14
15	126	180	132	218	558	197	308	229	228	357	369	252	15
16	127	168	169	196	249	222	326	152	273	351	392	249	16
17	130	193	198	267	247	229	323	98.0	263	345	360	246	17
18	163	199	198	219	294	227	396	104	255	356	358	258	18
19	139	153	203	189	286	232	394	113	330	358	360	246	19
20	134	165	198	236	301	59.5	324	104	343	378	355	233	20
21	127	190	134	251	298	98.8	325	93.7	355	1 979	391	235	21
22	160	198	99.7	262	260	194	296	92.3	462	1 080	593	232	22
23	152	196	209	322	288	183	313	85.5	360	887	537	231	23
24	149	196	195	286	171	185	292	97.4	347	806	447	266	24
25	163	228	198	387	271	182	268	58.6	359	692	381	252	25
26	120	213	195	852	236	171	227	84.4	356	614	365	212	26
27	144	199	165	646	231	25.2	216	74.2	304	630	381	253	27
28	139	163	118	664	226	98.5	228	86.1	285	602	300	219	28
29	186		94.3	627	258	125	236	59.5	256	496	232	200	29
30	170		149	861	97.4	119	257	78.7	217	495	206	251	30
31	201		192		96.8		163	66.5		495		207	31
TOTAL	4 599.0	5 378	5 406.0	8 131.9	17 482.2	5 172.8	6 675.5	4 446.9	6 790.2	13 829	11 106	7 862	TOTAL
MEAN	148	192	174	271	564	172	215	143	226	446	370	254	MEAN
MAX	207	248	218	861	1 410	255	396	306	462	1 080	593	316	MAX
MIN	96.0	124	94.3	56.6	96.8	25.2	62.0	58.6	65.9	207	232	200	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 265
MAXIMUM DAILY, 1 410 ON MAY 3
MINIMUM DAILY, 25.2 ON JUN 27

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 52 55 N
LONG 81 34 00 W
DRAINAGE AREA, 22 900 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	397 000	JUL	577 000
FEB	465 000	AUG	384 000
MAR	467 000	SEP	587 000
APR	703 000	OCT	1 190 000
MAY	1 510 000	NOV	960 000
JUN	447 000	DEC	679 000

DATA CONTRIBUTED BY - ONTARIO HYDRO

REGULATED

TOTAL DISCHARGE, 8 370 000 dam³

ABITIBI RIVER AT IROQUOIS FALLS - STATION NO. 04HC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	99.1	104	102	127	550	184	53.0	127	53.0	163	144	211	1
2	117	101	86.6	138	451	178	53.0	128	53.0	160	175	216	2
3	122	118	106	141	413	170	53.0	165	53.0	116	188	216	3
4	112	107	114	111	434	130	53.1	174	53.0	123	175	216	4
5	133	118	110	118	327	140	53.1	166	53.1	142	180	206	5
6	131	105	118	136	251	109	53.0	175	53.0	144	171	206	6
7	113	110	101	131	218	127	53.0	173	108	164	187	218	7
8	125	107	100	151	201	127	53.1	125	141	176	152	228	8
9	115	99.6	111	136	159	124	53.1	107	146	99.3	180	215	9
10	143	103	102	136	136	157	53.1	107	125	121	201	215	10
11	134	109	113	121	131	163	53.0	139	129	126	178	215	11
12	120	110	140	149	184	158	81.3	146	121	140	254	244	12
13	113	110	123	131	125	119	108	182	115	167	245	192	13
14	136	116	96.6	138	123	113	114	146	142	207	257	206	14
15	122	116	90.5	135	117	125	100	122	136	202	238	215	15
16	115	109	107	183	121	140	120	104	131	201	199	215	16
17	121	106	108	184	126	156	325	62.6	147	97.6	231	215	17
18	124	115	125	127	186	156	135	52.4	167	184	209	215	18
19	111	117	111	123	160	150	135	51.3	105	105	209	185	19
20	116	118	118	187	195	112	123	52.1	149	237	217	188	20
21	121	119	99.3	186	175	110	132	52.4	159	280	241	203	21
22	126	116	107	161	175	158	108	52.7	148	193	226	211	22
23	129	103	119	186	113	158	129	52.7	156	158	189	216	23
24	128	115	111	203	114	179	152	53.0	148	138	190	220	24
25	126	111	114	358	165	171	115	53.0	145	118	210	194	25
26	129	122	123	373	171	160	116	53.0	116	162	206	165	26
27	121	110	122	209	170	118	105	53.0	114	215	181	187	27
28	105	109	92.1	250	158	113	151	53.0	161	237	213	164	28
29	108		108	247	170	73.1	146	52.8	132	237	191	160	29
30	102		124	350	98.7	52.7	170	52.8	141	204	203	145	30
31	108		120		166		163	53.0		174		160	31
TOTAL	3 725.1	3 103.6	3 421.1	5 226	6 283.7	4 130.8	3 351.8	3 085.8	3 600.1	5 110.9	6 040	6 262	TOTAL
MEAN	120	111	110	174	200	138	108	99.5	120	165	201	202	MEAN
MAX	143	122	140	373	550	184	325	182	167	280	257	244	MAX
MIN	99.1	99.6	86.6	111	98.7	52.7	53.0	51.3	53.0	97.6	144	145	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 146
MAXIMUM DAILY, 550 ON MAY 1
MINIMUM DAILY, 51.3 ON AUG 19

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 45 44 N
LONG 80 40 07 W
DRAINAGE AREA, 13 300 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	322 000	JUL	290 000
FEB	268 000	AUG	267 000
MAR	296 000	SEP	311 000
APR	452 000	OCT	442 000
MAY	536 000	NOV	522 000
JUN	357 000	DEC	541 000

DATA CONTRIBUTED BY - ABITIBI - PRICE INC.

REGULATED

TOTAL DISCHARGE, 4 680 000 dam³

ABITIBI RIVER AT OSHAWANHA - STATION NO. 04HE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	225 B	260B	215 B	182 B	1 400B	289	165	205	162	352	647	358B	1
2	63.0B	250B	235 B	245 B	1 580B	304	141	185	174	463	576	342	2
3	260 B	235B	210 B	223 B	1 900B	351	138	277	181	498	551	385	3
4	171 B	240B	220 B	198 B	1 750	387	120	268	158	359	558	392	4
5	198 B	260B	232 B	70.0B	1 890	333	149	249	161	338	500	453	5
6	288 B	290B	150 B	200 B	1 880	315	177	272	238	269	562	425	6
7	138 B	300B	232 B	130 B	1 760	289	187	262	98.9	379	549	402	7
8	155 B	172B	140 B	205 B	1 640	258	182	207	254	340	542	360B	8
9	168 B	240B	195 B	175 B	1 450	279	185	203	299	402	518	365B	9
10	136 B	192B	212 B	145 B	1 210	269	181	263	216	401	438	355B	10
11	248 B	202B	217 B	135 B	1 030	304	197	227	248	416	485	315B	11
12	238 B	190B	223 B	64.0B	866	231	168	412	250	334	414	318B	12
13	198 B	300B	250 B	265 B	851	239	683	343	132	288	469	300B	13
14	188 B	190B	365 B	195 B	780	146	729	364	294	352	369	305B	14
15	155 B	168B	85.0B	235 B	722	236	657	304	302	455	582	280B	15
16	170 B	168B	210 B	205 B	610	274	629	291	380	585	561	305B	16
17	158 B	230B	170 B	315 B	504	309	602	234	378	503	487	270B	17
18	158 B	215B	225 B	240 B	515	275	606	173	342	462	473	300B	18
19	197 B	230B	215 B	240 B	549	290	572	155	399	473	452	270B	19
20	152 B	168B	275 B	230 B	442	257	527	265	503	489	457	278B	20
21	130 B	215B	250 B	300 B	473	121	397	188	512	764	476	270B	21
22	178 B	200B	148 B	260 B	449	213	424	168	526	1 240	627	290B	22
23	178 B	275B	130 B	430 B	473	381	401	169	522	1 090	694	260B	23
24	182 B	212B	225 B	380 B	354	251	400	168	501	1 030	632	218B	24
25	195 B	210B	210 B	440 B	402	226	339	204	488	891	520B	358B	25
26	200 B	240B	240 B	560 B	408	241	324	113	486	874	518B	250B	26
27	138 B	235B	223 B	740 B	417	170	277	185	486	810	485B	263B	27
28	210 B	235B	165 B	730 B	242	121	312	145	358	872	348B	268B	28
29	198 B		130 B	760 B	337	193	293	167	324	743	355B	278B	29
30	230 B		160 B	1 000 B	283	218	300	132	336	732	345B	240B	30
31	200 B		190 B		179		274	154		773		295B	31
TOTAL	5 449.0	6 186	6 247.0	9 489.0	27 278	7 710	11 166	6 948	9 662.9	17 869	15 174	9 752	TOTAL
MEAN	176	221	202	316	880	257	360	224	322	576	506	315	MEAN
MAX	240	300	275	1 000	1 900	387	883	412	526	1 240	694	453	MAX
MIN	63.0	160	85.0	64.0	179	121	120	113	98.9	269	340	218	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 364
MAXIMUM DAILY, 1 900B ON MAY 3
MINIMUM DAILY, 63.0B ON JAN 2
MAXIMUM INSTANTANEOUS,
1 900 AT 20:30 EST ON MAY 5

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 00 N
LONG 81 25 00 W
DRAINAGE AREA, 27 500 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	471 000	JUL	965 000
FEB	534 000	AUG	600 000
MAR	540 000	SEP	835 000
APR	820 000	OCT	1 540 000
MAY	2 360 000	NOV	1 310 000
JUN	666 000	DEC	843 000

TOTAL DISCHARGE, 11 500 000 dam³

ABITIBI RIVER AT OTTER RAPIDS - STATION NO. 04HE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.0	218	210	221	1 250	240	94.3	125	125	301	528	332	1
2	205	206	185	201	1 390	284	103	217	120	403	508	315	2
3	151	211	193	165	1 680	337	71.6	231	125	428	493	348	3
4	174	227	207	57.5	1 490	340	88.3	222	117	330	507	347	4
5	175	259	132	173	1 630	311	133	264	193	198	469	398	5
6	108	181	209	103	1 530	264	135	240	30.6	316	506	375	6
7	135	152	119	182	1 460	198	116	184	188	354	516	342	7
8	150	215	172	161	1 350	269	99.0	162	239	287	499	345	8
9	113	167	191	136	1 140	250	136	163	208	393	468	337	9
10	212	180	191	116	1 010	279	148	210	225	388	416	294	10
11	204	156	198	51.5	777	283	139	252	200	357	418	298	11
12	166	267	220	235	766	212	345	411	31.1	294	385	282	12
13	151	171	235	167	737	66.5	593	333	232	276	444	288	13
14	135	141	71.1	208	684	192	479	327	212	332	557	261	14
15	149	146	188	180	621	253	460	319	268	409	481	290	15
16	136	196	196	226	453	292	454	322	372	457	488	253	16
17	137	192	201	279	514	266	439	162	363	445	420	282	17
18	173	203	187	210	488	273	449	94.0	279	409	439	256	18
19	133	140	250	210	495	252	457	163	381	413	360	264	19
20	110	188	225	200	398	82.7	345	195	449	424	432	256	20
21	155	178	138	270	456	124	357	126	473	929	436	283	21
22	155	244	112	229	417	293	364	123	494	1 210	416	248	22
23	158	191	199	375	369	215	364	110	478	1 000	603	198	23
24	169	183	181	336	294	207	354	168	451	981	548	327	24
25	179	215	214	392	387	236	287	52.1	448	833	491	238	25
26	113	206	203	486	456	162	251	125	455	771	485	245	26
27	186	209	158	645	213	77.6	291	106	448	932	451	253	27
28	92.6	161	111	636	299	134	247	119	297	746	317	250	28
29	204		126	658	343	176	259	72.8	294	633	331	225	29
30	177		169	874	136	176	271	116	305	643	322	277	30
31	233		168		224		158	86.7		665		226	31
TOTAL	4 787.6	5 403	5 501.1	8 363.0	23 457	6 724.8	8 587.2	5 536.6	8 480.7	16 549	13 924	8 923	TOTAL
MEAN	154	193	177	279	757	224	277	179	281	534	464	288	MEAN
MAX	233	267	250	874	1 680	340	593	411	494	1 210	616	398	MAX
MIN	51.0	140	71.1	51.5	136	66.5	71.6	52.1	30.6	190	317	198	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 318
MAXIMUM DAILY, 1 680 ON MAY 3
MINIMUM DAILY, 30.6 ON SEP 6

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 10 55 N
LONG 81 38 12 W
DRAINAGE AREA, 23 400 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	414 000	JUL	742 000
FEB	467 000	AUG	478 000
MAR	475 000	SEP	729 000
APR	723 000	OCT	1 430 000
MAY	2 030 000	NOV	1 200 000
JUN	581 000	DEC	771 000

TOTAL DISCHARGE, 10 000 000 dam³

ABITIBI RIVER AT TWIN FALLS - STATION NO. 04HC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	94.0	91.5	69.4	109	112	114	50.0	99.8	83.9	136	82.3	180	1
2	98.0	79.6	87.2	109	57.0	88.8	49.8	86.4	83.9	126	127	176	2
3	88.1	100	80.5	109	72.7	90.2	49.9	133	82.3	87.8	138	176	3
4	85.7	87.1	87.7	78.2	138	78.4	50.0	145	80.4	95.3	126	176	4
5	86.8	89.2	88.0	95.4	110	75.0	49.8	145	84.2	111	136	176	5
6	88.5	88.0	86.2	106	8.64	82.3	48.8	139	85.1	112	131	175	6
7	84.7	88.9	74.3	103	13.6	89.4	48.8	142	87.5	131	111	175	7
8	86.7	86.1	74.8	104	8.94	92.9	49.7	96.6	113	106	101	175	8
9	91.3	89.7	87.3	106	6.91	95.7	46.9	91.2	113	102	134	175	9
10	91.9	87.0	86.7	106	7.84	110	45.3	86.4	113	71.4	158	175	10
11	110	89.4	79.5	82.4	13.2	133	45.4	115	112	68.3	162	175	11
12	120	88.9	85.9	69.5	20.4	127	76.1	146	93.9	95.9	161	178	12
13	98.8	88.6	85.8	94.6	22.5	78.6	76.5	148	104	92.9	162	178	13
14	98.2	88.7	74.1	110	39.2	98.2	73.2	136	120	99.3	161	179	14
15	103	88.9	75.7	99.0	41.0	97.7	80.6	77.1	122	99.3	161	180	15
16	106	91.8	81.8	88.2	41.1	121	74.3	73.1	97.1	98.4	162	180	16
17	101	108	87.5	62.3	62.9	108	56.5	64.6	117	81.6	171	180	17
18	92.8	93.2	87.0	34.7	90.2	106	30.6	40.8	124	33.7	168	180	18
19	91.1	86.4	91.0	37.9	102	108	8.69	46.5	69.2	37.3	168	179	19
20	99.8	86.2	85.9	77.2	82.4	78.4	26.3	55.0	75.5	23.0	168	179	20
21	103	86.3	85.9	90.6	88.9	95.9	42.2	57.9	84.2	22.9	168	179	21
22	106	86.2	88.0	94.0	80.3	127	50.0	53.2	97.7	22.9	168	179	22
23	112	77.3	86.8	91.0	55.3	125	81.0	57.1	97.4	22.9	168	179	23
24	109	86.2	86.5	75.6	70.5	122	97.9	52.3	107	21.7	163	179	24
25	106	81.9	91.8	15.7	89.4	146	73.1	49.8	102	24.9	168	179	25
26	101	83.8	106	25.4	120	129	73.2	49.7	79.6	88.6	167	185	26
27	104	87.9	102	55.1	120	76.3	68.6	49.8	78.8	114	167	179	27
28	97.0	74.4	80.1	28.6	130	72.4	120	49.6	109	146	167	156	28
29	83.7		77.6	23.0	126	44.9	125	49.6	113	151	172	142	29
30	82.7		89.6	51.5	85.2	49.2	127	51.4	117	136	176	142	30
31	87.1		108		104		125	50.9		105		142	31
TOTAL	3 034.5	2 468.4	2 669.6	2 317.9	2 118.13	2 950.3	1 993.89	2 640.8	2 745.7	2 610.1	4 550.3	5 348	TOTAL
MEAN	97.9	88.2	86.1	77.3	68.3	98.3	64.3	85.2	91.5	84.2	152	173	MEAN
MAX	120	109	109	110	138	146	127	148	124	151	176	180	MAX
MIN	82.7	74.4	69.4	15.7	6.91	44.9	8.69	40.8	44.2	21.7	82.3	142	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 97.1
MAXIMUM DAILY, 180 ON DEC 1
MINIMUM DAILY, 6.91 ON MAY 9

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 45 00 N
LONG 80 35 00 W
DRAINAGE AREA, 9 950 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	262 000	JUL	172 000
FEB	213 000	AUG	228 000
MAR	231 000	SEP	237 000
APR	200 000	OCT	226 000
MAY	183 000	NOV	393 000
JUN	255 000	DEC	462 000

TOTAL DISCHARGE, 3 060 000 dam³

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

ALBANY RIVER ABOVE HOTTIK ISLAND - STATION NO. 04GD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.0B	41.0B	31.8B	28.3B	86.0B	633	404	188	173	297	294	180B	1
2	46.0B	40.9B	31.6B	28.5B	189 B	638	395	183	173	294	289	178B	2
3	46.0B	40.5B	31.2B	28.7B	150 B	630	381	178	176	295	287	182B	3
4	46.0B	40.2B	31.0B	28.9B	200 B	619	370	175	179	297	284	189B	4
5	46.0B	40.0B	30.7B	29.0B	245 B	593	365	172	184	297	281	190B	5
6	45.8B	39.8B	30.4B	29.3B	285 B	569	355	170	186	291	279	185B	6
7	45.6B	39.3B	30.2B	29.0B	313	546	348	165	185	280	282	178B	7
8	45.5B	39.0B	30.1B	30.0B	331	529	342	166	186	282	279	172B	8
9	45.5B	38.7B	30.0B	30.3B	341	507	339	175	189	289	278	163B	9
10	45.4B	38.3B	29.9B	31.2B	351	488	321	186	196	290	275	158B	10
11	45.3B	38.0B	29.7B	31.7B	375	507	310	190	201	294	268B	153B	11
12	45.2B	37.8B	29.4B	32.2B	403	512	298	191	210	298	265B	149B	12
13	45.0B	37.4B	29.1B	32.7B	430	509	289	189	249	300	262B	145B	13
14	44.8B	37.1B	28.7B	33.3B	460	504	279	187	276	305	258B	143B	14
15	44.5B	36.7B	28.5B	33.8B	502	499	271	183	286	309	252B	140B	15
16	44.3B	36.3B	28.3B	34.5B	532	495	266	181	295	307	245B	137B	16
17	44.1B	36.1B	28.0B	35.1B	550	496	261	179	300	303	240B	133B	17
18	44.0B	35.9B	27.9B	35.9B	578	496	256	177	303	302	233B	131B	18
19	43.9B	35.5B	27.8B	36.5B	633	495	253	175	301	303	230B	129B	19
20	43.6B	35.2B	27.7B	37.3B	688	491	235	175	298	302	225B	127B	20
21	43.5B	34.9B	27.7B	38.0B	726	488	232	172	296	303	220B	125B	21
22	43.3B	34.5B	27.7B	39.0B	749	483	223	172	293	303	215B	123B	22
23	43.0B	34.1B	27.7B	40.5B	758	475	218	173	289	303	215B	122B	23
24	43.0B	33.8B	27.7B	42.0B	759	467	214	173	282	301	230B	120B	24
25	42.8B	33.3B	27.7B	46.5B	751	461	214	174	275	302	250B	118B	25
26	42.5B	33.0B	27.8B	50.0B	741	451	208	174	273	299	245B	117B	26
27	42.2B	32.7B	27.9B	53.0B	723	444	201	176	270	297	235B	116B	27
28	42.0B	32.4B	28.0B	59.0B	704	434	197	178	258	296	225B	114B	28
29	42.0B		28.0B	70.0B	683	424	192	176	262	294	210B	112B	29
30	41.7B		28.1B	84.0B	664	415	189	174	282	296	190B	111B	30
31	41.4B		28.2B		637		186	172		299		110B	31
TOTAL	1 369.9	1 032.4	898.5	1 159.0	15 457.0	15 298	8 606	5 499	7 326	9 228	7 541	4 450	TOTAL
MEAN	44.2	36.9	29.0	38.6	499	510	278	177	244	298	251	144	MEAN
MAX	46.0	41.0	31.8	84.0	759	638	404	191	303	309	294	190	MAX
MIN	41.4	32.4	27.7	28.3	86.0	415	186	165	173	280	190	110	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 213
MAXIMUM DAILY, 759 ON MAY 24
MINIMUM DAILY, 27.7B ON MAR 30
MAXIMUM INSTANTANEOUS, 763 AT 19:14 EST ON MAY 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 30 N
LONG 86 23 50 W
DRAINAGE AREA, 32 400 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	118 000	JUL	744 000
FEB	89 200	AUG	475 000
MAR	77 600	SEP	633 000
APR	100 000	OCT	797 000
MAY	1 340 000	NOV	652 000
JUN	1 320 000	DEC	384 000

TOTAL DISCHARGE, 6 730 000 dam³

ALBANY RIVER AT OUTLET OF LAKE ST. JOSEPH - STATION NO. 04GA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON JAN 1
MINIMUM DAILY, 0 ON JAN 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 11 52 N
LONG 90 13 20 W

REGULATED SINCE 1958

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 0 dam³

ALBANY RIVER BELOW ACHAPI LAKE - STATION NO. 04GC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.15B	6.98B	6.55B	10.7B	27.8	69.7	62.1	34.9	38.2	39.5E	49.8E	38.2B	1
2	8.10B	6.96B	6.54B	10.9B	31.9	69.4	60.2	34.7	38.8	40.0E	49.9E	37.8B	2
3	8.05B	6.94B	6.53B	11.2B	37.2	70.1	58.2	34.0	39.3	40.7E	50.0E	37.5B	3
4	8.00B	6.92B	6.52B	11.3B	43.1	67.5	57.6	34.0	41.0	41.7E	50.1E	37.2B	4
5	7.95B	6.90B	6.51B	11.4B	52.6	65.9	55.7	33.8	40.9	42.1E	50.0E	36.8B	5
6	7.90B	6.88B	6.50B	11.6B	61.9	63.5	55.0	33.8	41.4	42.5E	49.9E	36.3B	6
7	7.85B	6.86B	6.50B	11.7B	70.1	61.1	54.6	33.1	42.2	42.9E	49.8E	36.0B	7
8	7.80B	6.84B	6.49B	11.9B	73.4	60.1	56.0	34.0	43.1	43.1E	49.3E	35.7B	8
9	7.75B	6.82B	6.49B	12.1B	75.4	58.3	53.6	34.7	42.9E	43.8E	48.7E	35.3B	9
10	7.70B	6.80B	6.48B	12.4B	76.5	58.7	53.0	36.6	43.3E	44.0E	48.2B	35.0B	10
11	7.65B	6.78B	6.51B	12.6B	78.6	59.5	51.1	38.3	43.9E	44.1E	47.5B	34.7B	11
12	7.60B	6.77B	6.55B	12.8B	80.0	60.2	50.1	39.2	44.2E	44.2E	47.0B	34.3B	12
13	7.56B	6.75B	6.65B	13.1B	81.0	60.6	48.3	39.9	44.9E	44.3E	46.5B	33.9B	13
14	7.52B	6.74B	6.75B	13.4B	82.2	60.7	47.1	39.7	45.5E	44.4E	46.0B	33.6B	14
15	7.48B	6.72B	6.87B	13.7B	83.1	60.6	46.5	39.8	46.8E	44.5E	45.5B	33.3B	15
16	7.44B	6.71B	7.00B	14.1B	84.3	60.9	45.0	38.7	47.0E	45.3E	45.0B	33.0B	16
17	7.40B	6.69B	7.16B	14.5B	85.4	60.3	44.8	38.4	47.0E	45.7E	44.5B	32.7B	17
18	7.36B	6.67B	7.40B	14.9B	86.6	60.5	42.5	37.8	46.9E	45.9E	44.0B	32.3B	18
19	7.32B	6.66B	7.65B	15.3B	90.1	60.1	41.7	37.7	46.5E	46.0E	43.5B	32.0B	19
20	7.29B	6.65B	7.90B	15.7B	94.9	59.5	42.1	37.2	45.8E	46.1E	43.0B	31.7B	20
21	7.26B	6.64B	8.20B	16.1B	97.7	59.4	40.7	37.6	45.0E	46.2E	42.6B	31.4B	21
22	7.23B	6.63B	8.40B	16.7B	98.4	60.3	39.8	37.8	43.8E	46.3E	42.2B	31.1B	22
23	7.20B	6.62B	8.65B	17.4B	97.8	61.0	39.6	38.0	42.7E	46.4E	41.7B	30.7B	23
24	7.17B	6.61B	8.95B	18.1B	95.9	61.4	39.4	37.7	41.8E	46.5E	41.3B	30.4B	24
25	7.14B	6.60B	9.25B	18.7B	93.7	62.6	39.2	38.1	40.7E	46.7E	40.8B	30.2B	25
26	7.11B	6.59B	9.55B	19.5B	89.8	63.6	38.6	38.7	39.5E	47.5E	40.4B	30.0B	26
27	7.08B	6.57B	9.85B	20.2B	86.3	64.4	38.4	38.6	38.2E	48.0E	40.0B	29.8B	27
28	7.06B	6.56B	10.1 B	21.9	82.9	63.8	37.9	38.5	38.0E	48.5E	39.6B	29.5B	28
29	7.04B		10.3 B	22.6	79.9	63.7	37.5	38.6	38.1E	49.0E	39.1B	29.3B	29
30	7.02B		10.5 B	24.6	75.2	62.7	37.2	38.4	38.4E	49.5E	38.6B	29.0B	30
31	7.00B		10.6 B		71.6		36.6	38.0		49.7E		28.7B	31
TOTAL	232.18	188.86	239.90	451.1	2 365.3	1 870.1	1 450.1	1 150.3	1 275.8	1 395.1	1 354.5	1 027.4	TOTAL
MEAN	7.49	6.75	7.74	15.0	76.3	62.3	46.8	37.1	42.5	45.0	45.2	33.1	MEAN
MAX	8.15	6.98	10.6	24.6	98.4	70.1	62.1	39.9	47.0	49.7	50.1	38.2	MAX
MIN	7.00	6.56	6.48	10.7	27.8	58.3	36.6	33.1	38.0	39.5	38.6	28.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.6
MAXIMUM DAILY, 98.4 ON MAY 22
MINIMUM DAILY, 6.48B ON MAR 10
MAXIMUM INSTANTANEOUS,
98.7 AT 20:59 EST ON MAY 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 22 00 N
LONG 89 25 20 W
DRAINAGE AREA, 16 300 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 100	JUL	125 000
FEB	16 300	AUG	99 400
MAR	20 700	SEP	110 000
APR	39 000	OCT	121 000
MAY	204 000	NOV	117 000
JUN	162 000	DEC	88 800

TOTAL DISCHARGE, 1 120 000 dam³

ALBANY RIVER NEAR HAT ISLAND - STATION NO. 04HA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	84.5B	79.3B	75.7B	85.2B	620B	2 340	1 310	732	485	978	1 440	485B	1
2	84.2B	79.2B	75.6B	86.0B	900B	2 370	1 280	712	467	1 050	1 430	458B	2
3	84.0B	79.2B	75.4B	87.0B	1 450B	2 470	1 170	684	472	1 120	1 390	440B	3
4	84.0B	79.0B	75.2B	88.0B	2 600B	2 470	1 100	665	513	1 140	1 340	430B	4
5	83.8B	78.5B	75.0B	90.0B	4 390	2 390	1 040	641	588	1 150	1 310	430B	5
6	83.6B	78.3B	74.7B	91.0B	5 100	2 350	990	610	695	1 150	1 240	445B	6
7	83.0B	78.1B	74.7B	93.0B	5 710	2 080	970	589	804	1 100	1 170	475B	7
8	82.6B	78.0B	74.5B	95.0B	6 000	1 940	1 020	576	858	1 130	1 130	500B	8
9	82.4B	78.0B	74.3B	97.0B	5 920	1 820	1 230	571	854	1 140	1 010B	520B	9
10	82.2B	77.9B	74.2B	100 B	5 600	1 720	1 460	598	852	1 200	910B	505B	10
11	82.0B	77.9B	74.2B	102 B	5 210	1 650	1 480	662	853	1 260	830B	480B	11
12	82.0B	77.9B	74.0B	104 B	4 890	1 680	1 420E	734	875	1 290	760B	465B	12
13	81.9B	77.8B	74.0B	107 B	4 660	1 760	1 400E	787	928	1 340	690B	410B	13
14	81.8B	77.8B	74.0B	110 B	4 430	1 800	1 650E	797	975	1 410	640B	390B	14
15	81.5B	77.7B	74.0B	113 B	4 300	1 760	2 000E	777	1 090	1 500	585B	370B	15
16	81.0B	77.7B	74.0B	117 B	4 270	1 710	2 080E	731	1 190	1 560	555B	350B	16
17	80.5B	77.5B	74.2B	120 B	4 190	1 690	1 880E	682	1 240	1 600	530B	340B	17
18	80.3B	77.3B	74.3B	125 B	4 040	1 680	1 720E	639	1 240	1 630	505B	325B	18
19	80.2B	77.0B	75.0B	128 B	3 950	1 690	1 580E	612	1 220	1 610	495B	315B	19
20	80.1B	76.7B	75.8B	135 B	4 080	1 670	1 540E	584	1 190	1 680	480B	310B	20
21	80.0B	76.5B	76.0B	142 B	4 270	1 650	1 490E	559	1 170	1 680	470B	300B	21
22	80.0B	76.5B	76.3B	150 B	4 300	1 630	1 360E	542	1 150	1 610	475B	290B	22
23	80.0B	76.5B	77.0B	160 B	4 180	1 630	1 240E	528	1 160	1 580	500B	285B	23
24	80.0B	76.5B	77.5B	170 B	3 990	1 610	1 080	512	1 150	1 540	545B	280B	24
25	79.9B	76.2B	78.0B	190 B	3 760	1 580	1 040	501	1 120	1 500	585B	275B	25
26	79.8B	76.1B	79.0B	215 B	3 500	1 550	982	495	1 070	1 480	600B	273B	26
27	79.7B	76.0B	80.0B	240 B	3 250	1 540	935	486	1 020	1 480	570B	272B	27
28	79.6B	76.0B	81.0B	280 B	3 010	1 510	896	476	978	1 480	530B	270B	28
29	79.5B		82.0B	330 B	2 800	1 450	845	473	956	1 470	505B	267B	29
30	79.4B		83.0B	400 B	2 580	1 380	793	470	930	1 450	485B	265B	30
31	79.3B		84.0B		2 400		756	456		1 440		262B	31
TOTAL	2 522.8	3 171.1	2 366.6	4 350.2	120 390	54 470	39 714	18 881	28 045	42 628	23 705	11 434	TOTAL
MEAN	81.4	77.5	76.3	145	3 880	1 820	1 280	609	935	1 380	790	369	MEAN
MAX	84.5	79.3	84.0	400	6 000	2 470	2 080	797	1 240	1 630	1 440	520	MAX
MIN	79.3	76.0	74.0	85.2	620	1 380	756	456	485	978	470	262	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 961
MAXIMUM DAILY, 6 000 ON MAY 8
MINIMUM DAILY, 74.0B ON MAR 12
MAXIMUM INSTANTANEOUS,
6 040 AT 14:59 EST ON MAY 8

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 19 30 N
LONG 83 52 20 W
DRAINAGE AREA, 118 000 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1934

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	218 000	JUL	3 430 000
FEB	188 000	AUG	1 630 000
MAR	204 000	SEP	2 420 000
APR	376 000	OCT	3 680 000
MAY	10 400 000	NOV	2 050 000
JUN	4 710 000	DEC	988 000

TOTAL DISCHARGE, 30 300 000 dam³

ALDER CREEK NEAR NEW DUNDEE - STATION NO. 02GA030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.045B	0.027B	0.039B	3.95	0.099	0.166	0.072	0.052	0.077	0.115	0.083	0.370E	1
2	0.044B	0.026B	0.039B	1.82	0.093	0.150	0.067	0.045	0.101	0.101	0.236	0.290E	2
3	0.043B	0.026B	0.039B	3.32	0.089	0.097	0.063	0.048	0.123	0.095	0.509	0.290E	3
4	0.070B	0.025B	0.039B	1.04	0.088	0.086	0.066	0.635	0.098	0.128	0.424	0.540E	4
5	0.115B	0.025B	0.039B	0.720B	0.083	0.167	0.066	0.154	0.090	0.093	0.304	0.880E	5
6	0.078B	0.025B	0.039B	0.692	3.080	0.417	0.065	0.093	0.082	0.103	0.192	1.01 E	6
7	0.064B	0.024B	0.039B	0.643	0.079	0.213	0.062	0.077	0.069	0.098	0.152	0.560E	7
8	0.054B	0.024B	0.039B	0.612	0.087	0.169	0.062	0.069	0.064	0.136	0.137	0.480E	8
9	0.048B	0.024B	0.041B	0.531	0.061	0.125	0.058	0.072	0.064	0.112	0.125	0.420E	9
10	0.042B	0.024B	0.045B	0.536	0.070	0.101	0.053	0.069	0.060	0.097	0.116	0.280E	10
11	0.038B	0.024B	0.052B	0.518	0.071	0.089	0.047	0.063	0.059	0.118	0.213	0.200E	11
12	0.035B	0.024B	0.093B	0.521	0.069	0.080	0.044	0.061	0.058	0.103	0.676	0.150E	12
13	0.033B	0.024B	0.550B	0.807	0.072	0.077	0.042	0.058	0.051	0.099	0.428	0.210E	13
14	0.036B	0.024B	3.60 B	0.597	0.075	0.072	0.042	0.057	0.054	0.097	0.231	0.290E	14
15	0.042B	0.040B	2.80 B	0.550	0.064	0.074	0.044	0.059	0.075	0.104	0.182	0.400E	15
16	0.034B	0.035B	2.30 B	0.609	0.056	0.120	0.045	0.052	0.077	0.098	0.163	0.700E	16
17	0.030B	0.031B	1.90 B	1.25	0.051	0.090	0.057	0.047	0.105	0.089	0.148	0.293A	17
18	0.028B	0.030B	1.70 B	0.612	0.060	0.077	0.175	0.049	0.144	0.083	0.137	0.191	18
19	0.026B	0.035B	1.50 B	0.394	0.064	0.126	0.232	0.052	0.121	0.087	0.125	0.170	19
20	0.025B	0.039B	1.32 B	0.753	0.079	0.189	0.085	0.060	0.101	0.097	0.178	0.167	20
21	0.025B	0.049B	1.30 B	0.575	0.062	0.363	0.072	0.061	0.098	0.100	1.15	0.164	21
22	0.026B	0.045B	1.27 B	0.319	0.063	0.148	0.065	0.061	0.104	0.090	0.434	0.154	22
23	0.035B	0.043B	1.25 B	0.238	0.075	0.103	0.063	0.063	0.225	0.090	0.482	0.166	23
24	0.029B	0.042B	1.22 B	0.190	0.072	0.085	0.057	0.064	0.155	0.080	0.998	1.48	24
25	0.026B	0.041B	1.02 B	0.154	0.071	0.078	0.047	1.59	0.309	0.078	0.286A	4.47	25
26	0.025B	0.041B	0.740B	0.159	0.071	0.089	0.046	0.203	0.180	0.083	0.230E	1.44	26
27	0.027B	0.040B	0.600B	0.154	0.077	0.077	0.045	0.117	0.324	0.081	0.190E	0.520	27
28	0.031B	0.040B	0.510B	0.131	0.470	0.073	0.067	0.094	0.294	0.080	0.200E	1.12 E	28
29	0.029B		0.530B	0.124	0.193	0.103	0.070	0.082	0.170	0.079	0.350E	0.480	29
30	0.028B		0.540B	0.109	0.183	0.090	0.068	0.072	0.137	0.083	0.520E	0.254	30
31	0.027B		12.8		0.213		0.056	0.070		0.074		0.198	31
TOTAL	1.238	0.897	37.993	22.628	3.040	3.894	2.103	4.349	3.669	2.967	9.520	18.337	TOTAL
MEAN	0.040	0.032	1.23	0.754	0.098	0.130	0.068	0.140	0.122	0.096	0.317	0.592	MEAN
MAX	0.115	0.049	12.8	3.95	0.470	0.417	0.232	1.59	0.324	0.136	1.15	4.47	MAX
MIN	0.025	0.024	0.039	0.109	0.051	0.072	0.042	0.045	0.051	0.074	0.083	0.150	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.303
MAXIMUM DAILY, 12.8 ON MAR 31
MINIMUM DAILY, 0.024B ON FEB 7
MAXIMUM INSTANTANEOUS,
17.4 AT 16:00 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 22 19 N
LONG 80 33 06 W
DRAINAGE AREA, 49.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	107	JUL	182
FEB	77.5	AUG	276
MAR	3 280	SEP	317
APR	1 960	OCT	256
MAY	263	NOV	823
JUN	336	DEC	1 580

TOTAL DISCHARGE, 9 560 dam³

ARABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK - STATION NO. 03JB019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.8 B	8.00B	6.15B	21.6	58.5	11.1	7.79	4.41	3.87	3.47	6.29	17.8	1
2	10.6 B	7.95B	6.10B	19.8	55.0	10.3	7.77	4.05	4.31	3.62	6.66	18.8	2
3	10.5 B	7.85B	6.05B	18.7	52.6	9.87	7.87	3.88	5.39	3.65	7.82	20.2	3
4	11.2 B	7.75B	6.00B	19.1	49.9	9.68	7.72	3.81	5.41	3.61	9.32	26.8	4
5	12.8 B	7.65B	6.00B	17.5	47.3	9.58	7.90	3.78	4.87	3.56	11.3	28.3	5
6	12.1 B	7.55B	6.00B	16.5	45.4	9.45	7.70	3.88	4.92	3.48	13.2	33.6	6
7	11.8 B	7.45B	5.95B	16.4	43.9	9.33	7.81	3.68	5.16	3.58	11.7	35.1	7
8	11.6 B	7.35B	5.95B	16.8	42.3	9.27	7.66	3.68	4.66	4.43	11.2	31.9	8
9	11.4 B	7.30B	5.95B	16.2	40.7	9.14	7.98	3.51	3.96	5.52	10.6	28.9	9
10	11.2 B	7.20B	5.95B	16.2	38.7	8.97	7.85	3.13	3.57	5.49	9.97	27.1	10
11	11.0 B	7.10B	6.00B	17.8	37.0	8.85	7.01	2.94	3.35	5.12	9.67	25.8	11
12	10.8 B	7.05B	6.10B	18.9	35.7	8.59	7.40	2.84	3.19	4.91	12.3	24.4	12
13	10.6 B	7.00B	6.30B	24.2	33.7	8.95	7.60	2.81	3.14	4.88	16.2	22.9	13
14	10.4 B	6.95B	6.50B	30.2	31.9	8.53	7.40	2.79	3.30	5.88	16.0	23.0	14
15	10.3 B	6.85B	6.70B	32.1	30.5	8.60	7.09	2.73	3.43	6.58	15.2	23.8	15
16	10.1 B	6.80B	6.95B	36.1	26.0	9.27	7.02	2.78	3.89	7.11	18.5	22.8	16
17	10.0 B	6.75B	7.10B	48.7	22.8	9.23	6.93	2.78	3.93	7.19	13.9	22.0	17
18	9.80B	6.75B	7.50B	71.9	21.5	8.68	6.75	2.66	4.36	6.81	15.7	21.7	18
19	9.60B	6.70B	7.80B	72.8	21.7	9.70	6.51	2.68	4.64	6.49	19.2	21.7	19
20	9.40B	6.65B	8.10B	66.3	21.7	12.9	6.33	2.67	4.43	6.39	19.1	21.4	20
21	9.30B	6.60B	8.37	64.4	21.2	12.1	6.25	2.68	4.14	6.72	18.6	21.8	21
22	9.20B	6.55B	8.43	60.6	20.5	10.3	6.12	2.69	3.86	6.82	18.0	20.5	22
23	9.00B	6.50B	8.60	56.6	19.9	9.52	6.06	2.83	3.66	6.81	17.9	20.1	23
24	8.90B	6.45B	8.62	58.8	20.4	9.28	5.96	2.88	3.57	6.71	19.1	20.4	24
25	8.80B	6.40B	9.32	65.1	20.9	9.23	5.82	2.96	3.46	6.57	18.7	23.2	25
26	8.65B	6.38B	10.1	70.9	19.9	9.16	5.58	2.88	3.40	6.54	18.0	42.2	26
27	8.55B	6.30B	9.47	70.0	18.8	8.86	5.48	2.87	3.33	6.47	17.2	40.9	27
28	8.45B	6.25B	9.23	65.5	18.1	8.55	6.89	2.87	3.37	6.37	16.6	39.8	28
29	8.35B		9.40	61.7	17.6	8.26	6.69	2.82	3.36	6.46	16.5	49.0	29
30	8.25B		9.24	60.0	14.2	8.03	5.14	2.81	3.36	6.43	16.5	45.3	30
31	8.10B		11.9		11.4		4.68	2.77		6.33		40.8	31
TOTAL	311.55	196.08	231.83	1 231.4	958.3	283.28	211.03	96.22	118.08	174.08	425.91	861.6	TOTAL
MEAN	10.1	7.00	7.48	41.0	30.9	9.44	6.81	3.10	3.94	5.61	14.2	27.8	MEAN
MAX	12.8	8.00	11.9	72.8	58.5	12.9	7.87	4.41	5.41	7.19	19.2	49.0	MAX
MIN	8.10	6.25	5.95	16.2	11.4	8.03	4.68	2.66	2.87	3.47	6.29	17.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.0
MAXIMUM DAILY, 72.8 ON APR 19
MINIMUM DAILY, 2.66 ON AUG 18
MAXIMUM INSTANTANEOUS, 75.7 AT 23:08 EST ON APR 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 00 N
LONG 78 52 05 W
DRAINAGE AREA, 1 130 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 900	JUL	18 200
FEB	16 900	AUG	8 310
MAR	20 000	SEP	10 200
APR	106 000	OCT	15 000
MAY	82 800	NOV	36 800
JUN	24 500	DEC	74 400

TOTAL DISCHARGE, 440 000 dam³

REMARKS - DRAINAGE AREA REVISED IN MARCH 1982

ASHUWEIG RIVER AT STRAIGHT LAKE - STATION NO. 04DB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	69.5B	43.3B	29.8B	22.2B	19.8	298	263	187	122	92.8	138	87.4B	1
2	68.5B	42.7B	29.0B	21.9B	20.3	299	262	166	122	92.2	137	85.9B	2
3	67.5B	42.0B	28.8B	21.7B	21.1	297	262	139	125	92.6	136	84.3B	3
4	66.4B	41.5B	28.5B	21.6B	23.2	278	262	127	127	93.6	135	83.8B	4
5	65.6B	40.5B	28.1B	21.4B	26.4	270	261	134	130	95.4	134	81.0B	5
6	64.5B	40.2B	27.9B	21.2B	29.1	262	261	133	131	95.8	133	79.5B	6
7	63.6B	39.8B	27.4B	21.0B	33.0	254	259	132	129	95.0	132	78.0B	7
8	62.2B	39.3B	27.2B	20.8B	38.2	253	257	132	127	93.4	128	76.2B	8
9	61.5B	38.7B	27.0B	20.6B	47.2	245	254	133	128	95.3	121	75.0B	9
10	60.8B	38.3B	26.8B	20.4B	54.0	238	246	133	128	96.6	119	74.1B	10
11	59.8B	37.6B	26.9B	20.2B	63.4	240	240	129	127	98.6	118	72.8B	11
12	59.0B	37.1B	27.1B	20.1B	75.4	238	232	126	127	99.8	118	71.3B	12
13	58.3B	36.8B	27.4B	20.0B	91.6	232	226	120	127	101	118 B	70.3B	13
14	57.2B	36.2B	27.3B	19.9B	114	229	220	118	127	105	117 B	69.5B	14
15	56.0B	35.7B	27.2B	19.8B	143	229	213	118	125	110	113 B	68.0B	15
16	55.3B	35.2B	26.8B	19.7B	173	228	205	117	122	115	113	66.9B	16
17	54.4B	34.9B	26.4B	19.5B	199	226	202	117	120	116	110	66.0B	17
18	53.2B	34.4B	26.0B	19.4B	227	227	200	116	120	116	107	64.9B	18
19	52.0B	33.9B	25.7B	19.2B	254	227	195	116	117	118	104	63.8B	19
20	52.0B	33.5B	25.2B	19.1B	278	229	185	117	115	121	103	63.1B	20
21	51.0B	33.0B	25.0B	19.0B	294	230	179	117	113	124	107	62.3B	21
22	50.0B	32.7B	24.8B	18.9B	307	232	175	117	110	126	103 B	61.7B	22
23	49.9B	32.2B	24.6B	18.8B	317	233	169	117	108	127	102 B	60.9B	23
24	49.0B	31.8B	24.1B	18.7B	325	234	166	117	105	129	100 B	60.3B	24
25	48.0B	31.6B	23.8B	18.6B	331	241	165	118	103	131	98.1B	59.9B	25
26	47.5B	31.0B	23.5B	18.3	331	241	163	118	99.2	132	96.2B	59.5B	26
27	46.8B	30.4B	23.3B	18.2	330	248	160	119	96.9	133	94.2B	58.7B	27
28	46.0B	30.2B	23.0B	18.4	328	254	157	121	95.1	134	92.9B	58.5B	28
29	45.3B		22.8B	18.5	322	258	155	122	93.5	136	90.8B	57.9B	29
30	44.8B		22.7B	18.9	315	263	149	121	92.1	138	89.5B	57.5B	30
31	44.0B		22.4B		307		146	122		138		57.0B	31
TOTAL	1 731.3	1 016.3	806.3	596.8	5 437.7	7 423	6 489	3 863	3 511.8	3 490.7	3 407.7	2 136.0	TOTAL
MEAN	55.8	36.2	26.0	19.9	175	247	209	125	117	113	114	68.9	MEAN
MAX	69.5	43.3	29.8	22.2	331	299	263	166	131	138	138	87.4	MAX
MIN	44.0	30.2	22.4	18.3	19.8	226	146	116	92.1	92.2	89.5	57.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 109
MAXIMUM DAILY, 331 ON MAY 25
MINIMUM DAILY, 18.2 ON APR 27
MAXIMUM INSTANTANEOUS, 335 AT 14:50 EST ON MAY 25

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 43 00 N
LONG 87 56 40 W
DRAINAGE AREA, 7 950 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	158 000	JUL	561 000
FEB	87 600	AUG	334 000
MAR	69 700	SEP	303 000
APR	51 500	OCT	302 000
MAY	470 000	NOV	294 000
JUN	641 000	DEC	185 000

TOTAL DISCHARGE, 3 450 000 dam³

ATIKOKAN RIVER AT ATIKOKAN - STATION NO. 05PB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.16	1.31	---	3.37	2.12	10.6	2.55	2.17	3.61	8.20	1
2	---	---	1.16	1.38	---	3.26	2.00	10.1	2.61	2.06	3.56	8.59	2
3	---	---	1.16	1.28	---	3.18	2.00	9.29	2.68	2.01	3.76	8.61	3
4	---	---	1.25	1.31	---	3.03	1.98	9.07	2.57	1.95	4.05	8.70	4
5	---	---	1.28	1.36	---	2.89	6.81	8.58	2.49	3.33	4.03	8.54	5
6	---	---	1.25	1.43	---	2.78	---	8.33	2.36	3.76	4.00	7.68	6
7	---	---	1.36	1.50	---	2.72	---	7.84	2.31	8.38	3.97	8.36	7
8	---	---	1.31	1.52	---	2.69	---	7.38	2.26	9.21	3.96	8.56	8
9	---	---	1.37	1.49	---	2.67	---	7.38	2.30	7.17	3.93	7.73	9
10	---	---	1.46	1.47	---	2.94	---	6.33	2.17	9.26	3.86	6.68	10
11	---	---	1.48	1.41	---	3.02	---	6.25	2.10	8.85	3.87	6.26	11
12	---	---	1.38	1.36	---	2.93	9.65	5.74	2.19	6.85	3.78	6.00	12
13	---	---	1.41	1.39	---	2.73	8.99	5.71	2.06	5.93	3.68	6.28	13
14	---	---	1.35	1.48	---	2.79	8.63	5.50	2.02	5.00	3.39	6.46	14
15	---	---	1.28	2.02	---	2.69	8.81	5.24	2.51	4.81	3.77	6.15	15
16	---	---	1.21	2.79	---	2.56	8.53	5.03	2.40	4.88	3.64	5.95	16
17	---	1.56	1.17	3.01	---	2.48	9.05	4.82	2.45	4.29	3.56	5.86	17
18	---	1.63	1.17	2.90	---	2.36	9.81	4.65	2.44	4.24	3.52	5.83	18
19	---	1.32	1.11	3.19	---	2.39	10.6	4.58	2.42	4.30	3.77	5.66	19
20	---	1.38	1.11	3.66	---	2.24	---	4.76	2.36	4.25	---	5.48	20
21	---	1.22	1.11	4.18	---	2.37	---	3.98	2.30	4.13	---	5.12	21
22	---	1.18	1.11	5.20	---	2.23	---	4.00	2.25	4.18	---	5.12	22
23	---	1.12	1.10	---	---	2.18	---	3.86	2.19	4.03	---	5.08	23
24	---	1.14	1.13	---	---	2.17	---	3.14	2.18	3.95	---	5.15	24
25	---	1.15	1.12	---	---	2.28	---	2.99	2.08	3.80	---	5.04	25
26	---	1.19	1.10	---	---	---	---	2.85	2.04	3.69	---	4.88	26
27	---	1.18	1.13	---	---	---	---	2.73	2.01	3.52	---	4.73	27
28	---	1.19	1.16	---	---	---	---	2.61	2.15	3.39	9.82	4.61	28
29	---		1.12	---	---	---	---	2.61	2.26	3.46	8.32	4.47	29
30	---		1.15	---	---	2.18	---	2.59	2.26	3.68	8.11	4.39	30
31	---		1.29		---		---	2.52		3.65		4.52	31
TOTAL	---	---	37.77	---	---	---	---	169.54	69.69	147.68	---	193.65	TOTAL
MEAN	---	---	1.22	---	---	---	---	5.47	2.32	4.76	---	6.25	MEAN
MAX	---	---	1.46	---	---	---	---	10.6	2.61	9.26	---	8.61	MAX
MIN	---	---	1.10	---	---	---	---	2.52	2.01	2.17	---	4.39	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 45 07 N
LONG 91 35 02 W
DRAINAGE AREA, 332 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	10 600
MAR	3 260	SEP	6 020
APR	---	OCT	12 800
MAY	---	NOV	---
JUN	---	DEC	16 700

ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE - STATION NO. 04FB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	96.8B	66.0B	50.1B	42.7B	370E	960E	595	212	247	270	387	197B	1
2	95.4B	66.0B	49.7B	42.3B	428E	935E	573	207	244	268	392	193B	2
3	94.0B	65.3B	49.2B	42.0B	505E	910E	550	201	242	270	395	189B	3
4	93.0B	64.6B	48.9B	41.6B	590E	882E	530	196	245	271	395	186B	4
5	92.0B	64.0B	48.6B	41.2B	645E	864	509	190	246	273	380B	181B	5
6	90.8B	63.4B	48.3B	40.8B	710E	836	490	185	246	273	368B	177B	6
7	89.9B	62.7B	48.0B	40.6B	765E	797	473	180	248	274	357B	175B	7
8	89.0B	62.0B	47.8B	40.6B	820E	769	460	179	249	276	348B	171B	8
9	87.8B	61.2B	47.6B	40.9B	890E	741	446	182	247	278	338B	167B	9
10	86.4B	60.5B	47.3B	41.4B	940E	720	433	188	252	282	327B	163B	10
11	85.8B	59.9B	47.5B	42.0B	1 000E	719	416	192	280	295	318B	160B	11
12	84.3B	59.3B	48.0B	42.6B	1 040E	715	396	195	297	308	312B	157B	12
13	83.3B	58.8B	48.7B	43.3B	1 050E	718	377	196	314	321	303B	153B	13
14	82.3B	58.3B	49.3B	44.3B	1 060E	713	360	196	327	333	297B	151B	14
15	81.6B	57.8B	49.5B	45.3B	1 070E	701	344	198	333	345	287B	148B	15
16	80.5B	57.0B	49.5B	46.7B	1 080E	694	330	200	333	360	280B	146B	16
17	79.8B	56.5B	49.4B	48.0B	1 070E	694	327	205	332	371	273B	143B	17
18	78.7B	56.0B	49.2B	50.0B	1 070E	696	322	212	330	381	267B	139B	18
19	77.8B	55.5B	48.8B	52.5B	1 090E	698	312	220	327	385	260B	137B	19
20	76.6B	55.0B	48.4B	57.5B	1 120E	702	305	227	323	387	254B	134B	20
21	75.5B	54.4B	48.0B	64.0B	1 140E	711	292	234	317	391	247B	132B	21
22	74.7B	53.8B	47.6B	72.5B	1 150E	714	280	240	310	392	242B	129B	22
23	73.8B	53.2B	47.1B	84.0B	1 170E	706	271	244	303	393	237B	127B	23
24	73.0B	52.7B	46.6B	97.0B	1 170E	694	265	248	295	393	232B	125B	24
25	72.3B	52.2B	45.8B	110 B	1 150E	683	257	253	287	389	227B	123B	25
26	71.3B	51.7B	45.2B	146 B	1 130E	672	251	256	279	387	221B	120B	26
27	70.6B	51.0B	44.7B	190 B	1 110E	660	243	259	271	384	216B	118B	27
28	69.8B	50.6B	44.3B	240 B	1 080E	646	235	258	266	380	213B	116B	28
29	69.2B		43.9B	285 B	1 040E	630	229	257	270	378	208B	114B	29
30	68.4B		43.5B	322 B	1 010E	613	222	255	273	377	203B	113B	30
31	67.6B		43.1B		995E		217	250		381		112B	31
TOTAL	2 512.0	1 630.2	1 473.6	2 504.8	29 458	22 191	11 310	6 715	8 533	10 486	8 786	4 596	TOTAL
MEAN	81.0	58.2	47.5	83.5	950	740	365	217	284	338	293	146	MEAN
MAX	96.8	66.0	50.1	322	1 170	960	595	259	333	393	395	197	MAX
MIN	67.6	50.6	43.1	40.6	370	613	217	179	242	268	203	112	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 302
MAXIMUM DAILY, 1 170E ON MAY 23
MINIMUM DAILY, 40.6B ON APR 7

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 05 00 N
LONG 87 05 00 W
DRAINAGE AREA, 24 200 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	217 000	JUL	977 000
FEB	141 000	AUG	580 000
MAR	127 000	SEP	737 000
APR	216 000	OCT	904 000
MAY	2 550 000	NOV	759 000
JUN	1 920 000	DEC	397 000

TOTAL DISCHARGE, 9 530 000 dam³

ATTAWAPISKAT RIVER BELOW MUSKEG RIVER - STATION NO. 04FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	107 B	70.5B	48.5B	45.7B	77.0B	700E	803	276	365	475E	585E	260E	1
2	106 B	69.0B	47.7B	45.0B	96.0B	690E	777	268	373	495E	580E	255E	2
3	103 B	68.0B	47.3B	44.2B	150 B	710E	751	258	402	510E	575E	263E	3
4	102 B	68.0B	47.0B	44.2B	230 B	700E	732	250	459	540E	565E	270E	4
5	100 B	67.5B	46.5B	46.5B	320 B	650E	697	241	499	580E	550E		5
6	98.5B	66.5B	46.0B	46.8B	560 E	590E	669	235	512	620E	540E	265E	6
7	98.0B	65.5B	45.5B	47.5B	1 100 E	1 010E	644	229	510	660E	530E	256E	7
8	96.5B	64.5B	45.5B	47.7B	1 320 E	1 080E	620	225	493	700E	520E	235E	8
9	95.0B	63.5B	45.5B	47.7B	1 500 E	1 100E	606	249	468	670E	510E	225E	9
10	94.0B	62.5B	45.2B	48.0B	1 570 E	1 080E	589	298	461	650E	490E	218E	10
11	92.0B	61.5B	45.0B	48.5B	1 600 E	1 040	570	304	480E	630E	470E	213E	11
12	91.0B	60.5B	45.0B	49.0B	1 600 E	1 050	542	350	520E	600E	455E	210E	12
13	90.0B	60.0B	44.5B	49.0B	1 570 E	1 070	523	353	580E	595E	440E	208E	13
14	89.0B	59.0B	44.0B	49.5B	1 510 E	1 080	496	338	610E	590E	420E	201E	14
15	87.5B	58.5B	44.7B	50.0B	1 450 E	1 080	474	322	620E	595E	410E	197E	15
16	86.5B	57.5B	44.7B	50.5B	1 380 E	1 060	453	309	605E	600E	395E	193E	16
17	85.5B	56.5B	44.7B	51.0B	1 310 A	1 040	450E	296	595E	590E	385E	189E	17
18	84.5B	55.5B	44.7B	51.5B	1 240 E	1 020	450E	285	580E	572	370E	185E	18
19	83.5B	55.0B	44.7B	51.8B	1 190 E	1 000	460E	293	560E	572	360E	181E	19
20	83.0B	54.5B	44.7B	52.2B	1 130 E	986	465E	306	545E	575	355E	178E	20
21	81.0B	53.5B	44.8B	53.0B	1 070 E	972	460E	320	530E	573	360E	173E	21
22	80.0B	53.0B	44.8B	53.8B	1 020 E	963	430E	327	510E	571	365E	171E	22
23	79.0B	52.5B	44.8B	54.5B	980 E	957	390E	327	500E	567	375E	168E	23
24	78.0B	52.0B	44.8B	55.5B	940 E	945	350E	331	490E	567	365E	160E	24
25	76.0B	51.0B	45.0B	56.5B	900 E	924	310	335	485E	565E	345B	158E	25
26	75.5B	50.5B	45.0B	57.5B	850 E	899	311	344	475E	565E	325B	155E	26
27	74.5B	50.0B	45.0B	59.5B	810 E	883	303	358	470E	570E	308B	153E	27
28	73.5B	49.5B	45.0B	62.0B	770 E	865	292	366	460E	575E	298B	150E	28
29	72.5B		45.3B	65.0B	750 E	847	287	371	460E	580E	278B	148E	29
30	72.0B		45.5B	69.0B	720 E	825	285	364	470E	585E		146E	30
31	71.0B		45.5B		710 E		285						31
TOTAL	2 702.5	1 658.3	1 408.0	1 557.3	30 503.0	28 474	15 472	9 557	15 086	18 102	12 860	6 193	TOTAL
MEAN	87.2	59.2	45.4	51.9	984	949	499	308	503	584	429	200	MEAN
MAX	107	70.5	48.5	69.0	1 600	1 100	803	371	620	700	585	270	MAX
MIN	71.0	49.5	44.7	45.7	77.0	698	285	229	365	475	270	146	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 393
MAXIMUM DAILY, 1 600E ON MAY 11
MINIMUM DAILY, 44.7B ON MAR 15

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 05 30 N
LONG 85 00 30 W
DRAINAGE AREA, 36 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	233 000	JUL	1 340 000
FEB	143 000	AUG	826 000
MAR	122 000	SEP	1 300 000
APR	135 000	OCT	1 560 000
MAY	2 640 000	NOV	1 110 000
JUN	2 460 000	DEC	535 000

TOTAL DISCHARGE, 12 400 000 dam³

AUBINADONG RIVER ABOVE SESABIC CREEK - STATION NO. 02CB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.62B	4.50B	3.67B	6.40B	106	21.0	6.51	3.81	3.35	7.83	28.2	19.4	1
2	5.60B	4.45B	3.65B	6.80B	115	21.9	6.15	3.63	4.82	7.59	26.6	18.9	2
3	5.65B	4.40B	3.63B	7.20B	118	20.7	5.87	3.61	7.12	7.83	25.5	19.1	3
4	5.78B	4.38B	3.62B	7.60B	115	19.5	5.61	3.65	7.47	7.24	24.8	19.4	4
5	5.88B	4.35B	3.61B	8.40B	111	18.2	5.30	3.61	7.22	7.04	24.6	19.1	5
6	5.75B	4.30B	3.60B	8.80B	107	17.0	5.16	3.50	6.82	7.23	24.1	22.7	6
7	5.70B	4.25B	3.60B	8.70B	105	15.9	5.45	3.65	6.26	10.1	23.5	25.9	7
8	5.65B	4.22B	3.60B	8.50B	98.1	15.0	5.47	3.51	5.84	15.4	22.6	25.0B	8
9	5.62B	4.20B	3.59B	8.35B	89.1	14.2	5.04	3.42	5.53	18.8	21.7	23.9B	9
10	5.57B	4.15B	3.59B	8.15B	80.0	13.6	4.78	3.35	5.38	19.6	20.7	22.8B	10
11	5.50B	4.10B	3.60B	8.00B	73.1	12.9	5.59	3.30	5.03	19.9	20.0	21.7B	11
12	5.45B	4.05B	3.67B	7.80B	67.6	12.1	7.21	3.18	4.57	20.6	20.3	20.9B	12
13	5.40B	4.03B	4.20B	7.70B	62.3	11.6	7.55	3.11	4.51	20.6	24.5	20.2B	13
14	5.35B	4.01B	5.10B	7.50B	57.3	11.2	7.91	3.04	4.82	20.7	31.2	19.7B	14
15	5.30B	4.00B	5.90B	7.40B	53.2	11.0	8.82	2.95	5.03	21.0	33.3	19.1B	15
16	5.25B	3.98B	6.10B	7.60B	48.8	11.5	9.80	2.88	5.39	20.7	32.7	18.7B	16
17	5.23B	3.95B	6.25B	8.00B	46.0	12.1	11.1	2.83	5.69	20.1	31.6	18.3B	17
18	5.20B	3.93B	6.35B	8.00B	43.7	12.2	10.2	2.77	6.09	19.4	29.4	18.3B	18
19	5.15B	3.88B	6.40B	8.00B	41.5	11.9	8.97	2.84	6.28	18.8	28.0	18.8B	19
20	5.08B	3.85B	6.40B	11.5 B	39.4	11.4	7.88	2.73	6.62	26.1	27.0	19.3B	20
21	5.03B	3.82B	6.40B	14.0 B	37.1	11.0	7.18	2.64	6.98	48.5	27.9	18.9B	21
22	4.98B	3.80B	6.37B	15.1 B	34.7	10.8	6.53	2.70	7.12	54.8	29.0	18.3B	22
23	4.95B	3.79B	6.35B	16.5 B	32.6	10.3	5.98	2.88	7.15	54.1	29.7	19.7B	23
24	4.88B	3.78B	6.30B	22.0 B	30.1	9.83	5.50	2.88	7.25	50.0	27.3B	21.3	24
25	4.82B	3.77B	6.25B	40.0 B	28.2	9.44	5.21	2.87	8.10	45.2	25.2B		25
26	4.78B	3.74B	6.20B	82.3	26.5	8.95	4.89	2.84	8.80	41.4	23.3B	22.6	26
27	4.75B	3.72B	6.10B	91.0	25.7	8.51	4.60	3.00	8.81	38.4	22.2B	23.0	27
28	4.70B	3.70B	6.00B	93.2	24.7	7.96	4.44	2.92	8.56	35.7	21.3B	25.1	28
29	4.65B		5.90B	92.5	23.8	7.49	4.27	2.87	8.32	33.7	20.5B	27.5B	29
30	4.60B		5.80B	96.5	23.2	6.98	4.17	2.86	8.07	33.0	20.1	30.0B	30
31	4.55B		6.10B		21.6	6.95	4.03	2.79		30.1		33.0B	31
TOTAL	162.34	113.11	157.90	726.30	1 879.2	386.93	197.17	96.36	193.05	780.26	765.8	668.8	TOTAL
MEAN	5.24	4.04	5.09	24.2	60.6	12.9	6.36	3.11	6.44	25.2	25.5	21.6	MEAN
MAX	5.88	4.50	6.40	92.5	118	21.9	11.1	3.81	8.81	54.8	33.3	33.0	MAX
MIN	4.55	3.70	3.59	6.40	20.7	6.95	4.03	2.64	3.35	7.04	20.0	18.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.8
MAXIMUM DAILY, 118 ON MAY 3
MINIMUM DAILY, 2.64 ON AUG 21
MAXIMUM INSTANTANEOUS, 118 AT 06:21 EST ON MAY 3

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 58 07 N
LONG 83 25 00 W
DRAINAGE AREA, 1 440 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 000	JUL	17 000
FEB	9 770	AUG	8 230
MAR	13 600	SEP	16 700
APR	62 800	OCT	67 400
MAY	162 000	NOV	66 200
JUN	33 400	DEC	57 800

TOTAL DISCHARGE, 529 000 dam³

AUSABLE RIVER NEAR SPRINGBANK - STATION NO. 02FF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.20B	2.23B	2.01B	159	5.17	7.36	3.26	0.783	1.18	7.68	1.53	37.6	1
2	5.88B	2.31B	2.01B	111	4.67	5.98	2.61	0.939	1.07	6.66	7.46	39.6	2
3	5.28B	2.30B	2.01B	83.0	4.26	4.85	1.98	1.20	1.31	4.98	21.6	35.8	3
4	7.65B	2.18B	2.01B	67.6	3.83	4.04	1.78	1.76	1.31	3.27	10.6	35.8	4
5	57.0	2.15B	2.10B	58.3	3.50	3.47	1.75	1.83	1.17	2.56	12.9	51.1	5
6	46.3	2.12B	2.10B	22.3	3.22	6.53	1.57	1.42	1.17	2.05	9.76	62.9	6
7	26.0 B	2.12B	2.12B	18.1	3.06	6.67	1.39	1.18	1.06	1.78	7.76	53.1	7
8	12.0 B	2.11B	2.12B	16.3	3.03	5.67	1.23	0.999	0.939	1.48	6.33	33.0	8
9	8.60B	2.11B	2.10B	19.3	2.96	5.30	1.07	0.961	0.838	1.53	5.36	23.5	9
10	6.40B	2.10B	2.02B	25.1	2.77	4.96	0.968	0.932	0.801	1.38	4.57	17.6	10
11	5.09B	2.10B	2.20B	22.0	2.53	4.43	0.911	0.819	0.779	1.39	4.09	14.0	11
12	4.50B	2.09B	2.90B	21.8	2.31	3.99	0.867	0.813	0.756	1.48	26.5	11.7 B	12
13	4.10B	2.08B	11.0 B	23.6	2.17	3.62	0.836	0.788	0.703	1.38	60.7	11.9 B	13
14	3.80B	2.08B	58.0 B	25.5	2.03	3.46	0.803	0.767	0.638	1.35	37.0	11.9	14
15	3.55B	2.07B	96.0 B	23.2	1.91	3.24	0.776	0.758	0.633	1.35	21.7	9.33	15
16	3.35B	2.05B	108 B	19.9	1.84	2.61	0.732	0.842	0.624	1.79	17.2	39.8	16
17	3.15B	2.03B	118 B	24.5	1.76	7.36	0.708	0.736	0.809	12.1	13.6	49.8	17
18	2.95B	2.03B	130 B	25.2	1.63	5.16	0.703	0.603	1.00	13.4	10.9	30.0	18
19	2.80B	2.10B	122 B	18.4	1.60	4.00	0.709	0.673	0.943	6.62	9.38	21.5	19
20	2.66B	2.20B	116 B	15.2	1.88	10.2	0.784	0.673	0.852	4.54	8.68	16.5	20
21	2.64B	2.18B	110 B	14.0	1.89	9.57	0.822	0.681	1.13	4.52	19.9	13.6	21
22	2.59B	2.10B	100 B	13.4	1.66	6.51	0.795	0.648	1.13	3.63	38.3	11.5	22
23	2.56B	2.01B	85.0 A	12.3	2.31	6.88	0.710	0.664	1.10	2.90	31.6	10.9	23
24	2.50B	2.01B	69.2	10.6	2.07	5.21	0.670	0.734	1.26	2.64	56.6	93.0	24
25	2.46B	2.01B	83.3	8.99	1.98	3.99	0.627	3.67	2.12	2.34	47.5	111	25
26	2.42B	2.01B	69.3	7.89	1.78	3.32	0.603	4.33	5.46	2.09	29.7	183	26
27	2.39B	2.01B	52.5	7.28	1.01	3.07	0.581	2.78	6.85	1.88	21.6	104	27
28	2.34B	2.01B	39.0	6.85	0.36	2.96	0.580	3.48	11.0	1.82	16.0	58.1	28
29	2.32B		28.1	6.36	23.5	2.92	0.603	2.48	9.65	1.66	24.5	41.5	29
30	2.30B		30.0	5.71	13.1	3.11	0.674	1.67	8.69	1.50	41.7	26.5	30
31	2.27B		133		9.89		0.666	1.34		1.46		18.8	31
TOTAL	239.78	58.71	1 569.32	822.68	124.36	150.07	32.616	41.697	66.961	104.31	601.21	1 175.53	TOTAL
MEAN	7.73	2.10	50.6	27.4	4.01	5.00	1.05	1.35	2.23	3.36	20.0	37.9	MEAN
MAX	57.0	2.23	133	159	23.5	10.2	3.26	4.33	11.0	13.4	56.6	183	MAX
MIN	2.27	2.01	2.01	5.71	1.60	2.24	0.580	0.603	0.624	1.35	1.53	9.33	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 159 ON APR 1
MINIMUM DAILY, 0.580 ON JUL 28
MAXIMUM INSTANTANEOUS,
179 AT 22:37 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 04 20 N
LONG 81 39 35 W
DRAINAGE AREA, 865 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 700	JUL	2 820
FEB	5 070	AUG	3 600
MAR	136 000	SEP	5 790
APR	71 100	OCT	9 010
MAY	10 700	NOV	51 900
JUN	13 000	DEC	102 000

TOTAL DISCHARGE, 432 000 dam³

AUX SABLES RIVER AT MASSEY - STATION NO. 02CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.35B	5.35B	4.61B	15.6	89.2	22.0	8.36	5.45	6.53	31.2	29.9	25.0E	1
2	7.25B	5.30B	4.60B	17.0	86.2	23.8	8.02	5.30	7.32	29.1	28.8	24.8E	2
3	7.30B	5.25B	4.59B	19.0	84.0	23.5	7.75	5.22	7.32	27.0	28.8	25.0E	3
4	7.25B	5.23B	4.57B	22.9	80.0	21.8	7.44	5.19	9.87	24.9	28.2	26.2E	4
5	7.10B	5.20B	4.56B	25.9	75.4	19.9	7.12	5.12	10.5	23.2	27.6	28.5E	5
6	7.05B	5.15B	4.55B	26.5	72.1	17.0	6.87	4.95	9.63	22.0	26.6	40.0E	6
7	7.00B	5.10B	4.53B	25.3	70.1	15.2	6.68	4.77	10.3	25.1	25.6	46.0E	7
8	6.95B	5.07B	4.52B	23.7	67.8	14.4	6.53	4.66	10.6	40.2	24.8	40.0E	8
9	6.75B	5.05B	4.51B	22.3	63.9	13.7	6.33	4.69	9.37	42.7	23.8E	36.0E	9
10	6.65B	5.03B	4.50B	21.9	59.2	13.4	6.07	4.60	8.12	39.2	23.0E	33.3E	10
11	6.55B	5.01B	4.48B	21.8	55.1	13.0	7.63	4.45	7.31	35.3	22.0E	32.0E	11
12	6.45B	4.95B	4.55B	21.8	52.6	12.5	11.9	4.37	6.65	33.8	27.0E	31.0E	12
13	6.38B	4.99B	4.80B	23.7	50.5	12.1	13.5	4.30	6.21	31.9	32.0E	29.0E	13
14	6.30B	4.95B	5.30B	27.6	47.6	11.6	12.5	4.21	5.91	31.8	39.0E	28.0E	14
15	6.25B	4.93B	6.70B	31.5	44.9	11.4	11.1	4.06	7.39	30.8	40.0E	27.5E	15
16	6.15B	4.90B	8.60B	36.8	45.2	11.2	10.3	3.99	15.5	28.5	37.5E	26.5E	16
17	6.05B	4.87B	9.50B	47.4	43.1	10.8	10.6	3.78	17.9	26.7	34.5E	25.9	17
18	6.03B	4.85B	10.0 B	59.1	40.9	10.5	10.7	3.71	16.8	25.6	31.5E	24.4	18
19	5.98B	4.83B	10.7 B	65.7	39.4	10.3	10.2	3.84	18.9	24.0	30.0E	26.8	19
20	5.90B	4.80B	13.2 B	60.9	38.2	10.2	9.40	4.08	20.9	24.0	32.5E	28.2	20
21	5.85B	4.78B	13.1 B	53.1	36.4	10.2	8.65	3.87	21.2	26.7	32.5E	26.8	21
22	5.80B	4.76B	12.9 B	48.8	34.3	11.0	8.01	4.32	23.8	48.3	41.0E	24.3	22
23	5.75B	4.75B	12.9	51.0	31.6	12.2	7.90	5.48	24.6	58.5	44.0E	23.8	23
24	5.70B	4.73B	12.9	63.3	29.2	12.9	7.08	5.39	23.7	55.3	39.0E	27.4	24
25	5.65B	4.70B	12.8	83.9	27.5	11.2	6.73	4.92	22.5	50.2	35.5E	27.4	25
26	5.60B	4.68B	12.6 B	104	26.1	10.6	6.31	4.51	35.1	46.2	33.0E	32.1	26
27	5.55B	4.65B	12.3 B	109	24.5	10.1	6.06	4.45	48.1	42.6	30.0E	37.3	27
28	5.53B	4.63B	12.1 B	102	23.6	9.56	5.98	4.66	39.4	39.4	28.2E	38.2	28
29	5.48B		12.0	96.1	23.9	9.08	5.82	4.57	38.4	36.9	26.8E	38.6	29
30	5.45B		11.8	93.2	23.2	8.67	5.71	4.47	38.1	35.0	25.4E	45.6	30
31	5.40B		13.0		22.1		5.69	4.36	30.3	33.5	35.2E	43.2	31
TOTAL	198.35	138.54	261.77	1 420.6	1 507.6	402.89	252.24	141.54	532.81	31.7 1 076.4	922.0	40.2 983.7	TOTAL
MEAN	6.27	4.95	8.44	47.4	48.6	13.4	8.14	4.57	17.8	34.7	30.7	31.7	MEAN
MAX	7.35	5.35	13.2	109	89.2	23.8	13.5	5.48	48.1	58.5	44.0	46.0	MAX
MIN	5.40	4.63	4.56	15.6	22.1	8.67	5.69	3.71	4.53	22.0	22.0	23.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.5
MAXIMUM DAILY, 109 ON APR 27
MINIMUM DAILY, 3.71 ON AUG 18
MAXIMUM INSTANTANEOUS,
110 AT 03:43 EST ON APR 27

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 12 56 N
LONG 82 04 14 W
DRAINAGE AREA, 1 350 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 800	JUL	21 800
FEB	12 000	AUG	12 200
MAR	22 600	SEP	46 000
APR	123 000	OCT	93 000
MAY	130 000	NOV	79 700
JUN	34 800	DEC	85 000

TOTAL DISCHARGE, 677 000 dam³

AVON RIVER BELOW STRATFORD - STATION NO. 02GD018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.215B	0.440B	0.350B	46.3	1.81	1.17	0.593	0.363	0.610	1.69	0.586	6.15	1
2	0.250B	0.435B	0.348B	18.8	0.944	1.03	0.468	1.35	2.26	1.21	2.22	4.60	2
3	0.280B	0.430B	0.345B	21.6	0.887	0.856	0.415	0.759	1.49	0.986	6.86	4.02	3
4	1.00 B	0.430B	0.342B	11.9	0.987	0.723	0.499	0.533	0.865	0.830	4.65	9.98	4
5	3.15 B	0.430B	0.340B	8.18	0.768	1.34	0.437	0.457	0.565	0.748	3.91	8.72	5
6	2.10 B	0.440B	0.350B	6.52	0.771	2.56	0.409	0.388	0.425	0.688	3.57	15.8	6
7	1.60 B	0.440B	0.350B	5.38	0.749	1.70	0.376	0.347	0.381	1.20	1.77	7.94	7
8	0.950B	0.445B	0.360B	5.15	0.793	1.42	0.362	0.656	0.352	1.31	1.50	5.15	8
9	0.900B	0.440B	0.330B	7.50	0.662	1.12	0.315	0.514	0.333	0.925	3.36	3.79	9
10	0.850B	0.435B	0.320B	8.22	0.635	0.944	0.275	0.419	0.301	0.701	2.89	2.88	10
11	0.750B	0.430B	0.350B	6.65	0.630	0.835	0.279	0.377	0.259	1.42	3.45	2.21	11
12	0.700B	0.425B	0.600B	5.79	0.624	0.676	0.303	0.363	0.230	1.07	10.1	1.33 B	12
13	0.640B	0.420B	4.00 B	12.7	0.609	0.609	0.385	0.348	0.225	0.829	8.43	0.783B	13
14	0.580B	0.415B	6.40 B	10.8	0.553	0.590	0.372	0.316	0.695	0.773	6.24	1.26 B	14
15	0.550B	0.411B	5.30 B	7.24	0.496	0.868	0.279	0.276	2.36	0.892	3.66	1.45	15
16	0.530B	0.410B	5.00 B	7.63	0.467	1.79	0.392	0.269	0.860	0.708	1.57	8.66	16
17	0.510B	0.420B	5.20 B	14.5	0.500	0.917	1.47	0.307	0.567	0.600	2.31	6.02	17
18	0.490B	0.430B	5.40 B	8.32	0.530	0.778	1.30	0.328	1.84	0.532	2.18	3.20 B	18
19	0.480B	0.430B	6.00 B	5.68	0.558	1.60	1.07	0.421	0.958	0.523	2.05	2.43	19
20	0.470B	0.420B	6.60 B	8.96	0.889	1.18	0.673	0.797	0.835	0.713	2.58	2.09	20
21	0.470B	0.400B	7.10 B	6.95	0.536	1.15	0.437	0.575	0.540	0.668	10.6	1.67	21
22	0.470B	0.390B	8.00 B	4.51	1.05	0.938	0.362	0.371	0.666	0.546	8.69	1.44	22
23	0.510B	0.380B	8.80 B	3.65	0.840	0.726	0.305	0.933	2.59	0.468	6.39	1.75	23
24	0.520B	0.370B	9.80 B	2.65	0.559	0.628	0.255	0.376	2.26	0.410	11.5	11.5	24
25	0.510B	0.365B	10.5 B	2.12	0.578	0.582	0.243	4.81	4.05	0.422	6.44	30.2	25
26	0.500B	0.363B	7.00 B	1.75	0.583	0.726	0.255	2.12	3.64	0.420	4.12	20.9	26
27	0.480B	0.360B	6.00 B	1.50	0.595	0.472	0.744	1.07	5.50	0.372	2.91	8.91	27
28	0.470B	0.359B	5.60 B	1.39	4.03	0.468	2.47	0.645	6.62	0.354	2.59	9.71	28
29	0.465B		5.30 B	1.16	2.18	1.63	0.841	0.458	3.73	0.374	7.18	7.25	29
30	0.455B		10.0 B	1.14	1.31	0.875	0.532	0.513	2.41	0.342	8.91	4.30 B	30
31	0.445B		66.0 B		1.06		0.488	0.433		0.324		2.87 B	31
TOTAL	22.890	11.562	192.365	252.44	27.313	30.911	17.438	20.992	48.225	23.040	142.176	198.963	TOTAL
MEAN	0.738	0.413	6.21	8.41	0.881	1.03	0.563	0.677	1.61	0.743	4.74	6.42	MEAN
MAX	3.15	0.445	66.0	46.3	4.03	2.56	2.47	4.81	6.62	1.69	11.5	30.2	MAX
MIN	0.215	0.358	0.320	1.14	0.467	0.468	0.243	0.269	0.225	0.324	0.586	0.783	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.71
MAXIMUM DAILY, 66.0B ON MAR 31
MINIMUM DAILY, 0.215B ON JAN 1
MAXIMUM INSTANTANEOUS, 96.5 AT 00:00 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 20 42 N
LONG 81 06 58 W
DRAINAGE AREA, 144 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 980	JUL	1 510
FEB	999	AUG	1 810
MAR	16 600	SEP	4 170
APR	21 800	OCT	1 990
MAY	2 360	NOV	12 300
JUN	2 670	DEC	17 200

TOTAL DISCHARGE, 85 400 dam³

BALL LAKE AT BALL LAKE LODGE - STATION NO. 05QE013

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	318.744	318.842	319.154	319.163	319.378	319.304	319.362	---	---	1
2	---	---	---	318.720	318.893	319.135	319.168	319.385	319.306	319.380	---	---	2
3	---	---	---	318.728	318.933	319.127	319.246	319.382	319.300	319.392	---	---	3
4	---	---	---	318.704	318.980	319.121	319.283	319.385	319.289	319.415	---	---	4
5	---	---	---	318.679	319.024	319.112	319.310	319.384	319.283	319.435	---	---	5
6	---	---	---	318.660	319.038	319.101	319.338	319.379	319.274	319.440	---	---	6
7	---	---	---	318.638	319.061	319.117	319.359	319.380	319.264	319.464	---	---	7
8	---	---	---	318.614	319.063	319.127	319.369	319.372	319.253	319.481	---	---	8
9	---	---	---	318.589	319.060	319.126	319.368	319.360	319.239	319.484	---	---	9
10	---	---	---	318.570	319.056	319.149	319.368	319.359	319.230	319.500	---	---	10
11	---	---	---	318.551	319.062	319.144	319.357	319.368	319.210	319.526	---	---	11
12	---	---	---	318.510	319.056	319.162	319.347	319.375	319.205	319.551	---	---	12
13	---	---	---	318.494	319.050	319.169	319.328	319.380	319.200	319.565	---	---	13
14	---	---	---	318.463	319.044	319.186	319.313	319.379	319.199	319.586	---	---	14
15	---	---	---	318.444	319.048	319.203	319.299	319.383	319.216	319.600	---	---	15
16	---	---	---	318.440	319.049	319.218	319.290	319.377	319.238	319.604	---	---	16
17	---	---	---	318.432	319.053	319.224	319.310	319.375	319.258	319.619	---	---	17
18	---	---	---	318.413	319.065	319.238	319.313	319.377	319.288	319.640	---	---	18
19	---	---	---	318.402	319.079	319.237	319.306	319.384	319.280	319.650	---	---	19
20	---	---	---	318.376	319.083	319.250	319.313	319.382	319.282	319.671	---	---	20
21	---	---	---	318.374	319.092	319.248	319.319	319.383	319.292	319.681	---	---	21
22	---	---	---	318.375	319.106	319.241	319.318	319.376	319.301	319.679	---	---	22
23	---	---	318.923A	318.395	319.125	319.238	319.330	319.371	319.319	319.685	---	---	23
24	---	---	318.909	318.462	319.134	319.231	319.351	319.366	319.320	319.691	---	---	24
25	---	---	318.883	318.536	319.148	319.216	319.358	319.359	319.327	319.691	---	---	25
26	---	---	318.853	318.598	319.165	319.214	319.361	319.350	319.332	319.678	---	---	26
27	---	---	318.822	318.641	319.171	319.207	319.358	319.339	319.316	319.676A	---	---	27
28	---	---	318.799	318.699	319.175	319.194	319.368	319.329	319.321	319.674B	---	---	28
29	---	---	318.780	318.748	319.169	319.181	319.375	319.322	319.343	319.673B	---	---	29
30	---	---	318.767	318.799	319.158	319.171	319.379	319.312	319.354	319.672B	---	---	30
31	---	---	318.761		319.160		319.391	319.307					31
MEAN	---	---	---	318.560	319.069	319.181	319.324	319.366	319.277	319.575	---	---	MEAN
MAX	---	---	---	318.799	319.175	319.250	319.391	319.385	319.354	319.691	---	---	MAX
MIN	---	---	---	318.374	318.842	319.101	319.163	319.307	319.199	319.362	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 319.691 ON OCT 24

MAXIMUM INSTANTANEOUS, 319.699 AT 10:54 CST ON OCT 25

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)
APPLY -000.183 m ADJUSTMENT TO CONVERT TO ONTARIO HYDRO PROJECT DATUM

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 17 05 N
LONG 93 58 55 W

A - MANUAL GAUGE

B - ESTIMATED

REGULATED

BASSWOOD RIVER NEAR MINTON - STATION NO. 05PA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.2	17.0	16.8	18.4	46.2	141	45.9	51.5	28.9	26.4	92.9	95.1	1
2	18.3	16.9	17.4	18.0	52.7	136	44.5	49.3	28.3	25.8	88.0	96.0	2
3	18.5	16.8	18.0	19.0	57.2	131	45.9	47.0	27.3	26.8	88.9	98.8	3
4	18.5	16.6	18.4	18.7	63.4	125	45.0	45.9	26.5	27.2	92.6	95.6	4
5	18.5	16.4	18.9	18.1	72.5	119	45.3	44.5	25.6	27.4	90.3	94.9	5
6	18.3	16.2	19.2	17.3	80.4	114	47.0	43.3	24.6	30.0	88.6	93.8	6
7	18.4	16.1	19.6	16.7	88.1	109	47.3	42.8	23.6	34.3	86.7	91.7	7
8	18.2	16.1	20.0	16.1	96.9	105	46.4	42.2	22.7	37.7	85.0	89.5	8
9	18.0	15.9	20.5	15.5	101	101	46.4	41.6	22.1	42.5	83.8	88.1	9
10	17.8	15.9	21.2	15.1	110	99.1	46.2	40.2	21.8	48.1	82.7	85.2	10
11	18.1	15.9	21.8	14.9	116	95.4	45.0	39.1	21.5	53.2	82.1	82.1	11
12	18.2	15.9	22.1	14.7	123	91.5	45.6	38.2	22.4	58.9	80.7	78.7	12
13	18.1	15.9	23.4	14.6	131	88.1	46.4	37.1	23.0	65.7	80.7	75.4	13
14	18.0	15.9	23.6	14.7	138	85.2	50.1	36.5	23.0	73.3	79.3	73.1	14
15	18.0	15.9	23.7	15.1	146	83.0	54.7	35.7	22.4	80.7	78.4	70.8	15
16	17.9	15.9	23.7	15.5	154	79.9	58.0	35.4	22.0	88.1	77.0	68.8	16
17	17.8	15.9	23.8	16.4	160	77.3	61.2	35.1	22.5	96.0	75.3	66.8	17
18	17.6	15.9	24.3	17.3	167	73.9	63.1	35.7	22.3	103	73.8	64.8	18
19	17.8	15.9	24.4	18.1	178	70.5	65.1	36.0	22.1	109	72.8	63.1	19
20	17.6	15.9	24.4	18.8	178	67.1	66.0	35.1	21.9	113	73.9	61.4	20
21	17.5	15.9	24.1	20.1	181	64.3	67.1	34.8	21.5	117	75.6	59.7	21
22	17.4	15.9	23.7	21.6	181	61.4	67.4	36.0	21.4	119	77.3	58.0	22
23	17.8	15.9	23.2	23.6	181	58.9	66.8	36.0	21.5	120	78.2	56.6	23
24	17.8	15.9	22.4	26.4	178	57.5	65.7	35.7	21.7	119	80.1	54.7	24
25	17.8	15.9	21.9	29.4	175	56.6	63.7	34.5	21.9	117	83.0	53.6	25
26	17.8	15.9	21.4	32.6	171	58.7	61.4	33.7	22.1	114	85.5	51.3	26
27	17.8	16.1	20.9	35.1	167	52.4	58.9	33.3	23.7	111	88.1	49.6	27
28	17.8	16.5	20.3	36.8	163	50.7	56.6	31.7	23.2	107	90.0	49.3	28
29	17.7		19.6	38.8	158	49.3	55.5	31.1	23.5	104	91.3	48.1	29
30	17.5		19.3	41.9	154	47.3	54.7	30.3	24.4	99.4	94.0	46.7	30
31	17.3		19.0		148		53.0	29.7		96.0		45.9	31
TOTAL	556.0	450.6	661.2	639.3	4 110.4	2 545.1	1 696.8	1 178.0	698.4	2 388.6	2 501.7	2 203.4	TOTAL
MEAN	17.9	16.1	21.3	21.3	133	84.8	54.4	38.0	23.3	77.1	83.4	71.1	MEAN
MAX	18.5	17.0	24.4	41.9	181	141	67.4	51.5	28.9	120	94.0	96.0	MAX
MIN	17.3	15.9	16.8	14.6	46.2	47.3	44.5	29.7	21.4	24.4	72.8	45.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 53.8
MAXIMUM DAILY, 181 ON MAY 21
MINIMUM DAILY, 14.6 ON APR 13
MAXIMUM INSTANTANEOUS,
182 AT 18:00 CST ON MAY 22

SUMMARY FOR THE YEAR 1982

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 04 55 N
LONG 91 39 10 W
DRAINAGE AREA, 4 510 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	48 000	JUL	146 000
FEB	38 900	AUG	102 000
MAR	57 100	SEP	60 300
APR	55 200	OCT	206 000
MAY	355 000	NOV	216 000
JUN	220 000	DEC	190 000

TOTAL DISCHARGE, 1 690 000 dam³

BATCHAWANA RIVER NEAR BATCHAWANA - STATION NO. 02BF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.90B	4.40B	3.60B	11.4B	209	18.5	5.79	3.67	4.22	13.1	24.7	19.6	1
2	5.85B	4.38B	3.58B	13.7B	233	18.5	5.64	3.51	8.83	12.7	23.0	19.6	2
3	5.90B	4.35B	3.55B	15.1B	237	16.6	5.15	3.99	16.6	13.6	22.3	22.3	3
4	5.95B	4.30B	3.53B	17.6B	226	14.5	4.90	4.28	18.4	13.8	23.5	24.7	4
5	5.85B	4.25B	3.51B	19.9B	216	13.0	4.62	3.99	15.8	13.4	24.3	24.5	5
6	5.80B	4.22B	3.50B	20.0B	203	11.7	4.44	3.80	13.1	14.5	24.5	30.2	6
7	5.75B	4.18B	3.50B	19.6B	190	10.7	4.48	3.67	10.9	34.0	23.5	32.7	7
8	5.70B	4.15B	3.49B	19.0B	168	9.87	4.27	3.88	9.13	54.7	23.7	30.0	8
9	5.65B	4.10B	3.48B	18.4B	135	9.32	4.12	3.95	7.66	54.8	24.2	26.5	9
10	5.60B	4.05B	3.47B	18.0B	113	9.50	4.03	3.79	6.70	48.3	23.4	24.5B	10
11	5.55B	4.03B	3.47B	17.7B	103	9.08	5.09	3.67	6.19	42.4	26.4	22.3B	11
12	5.45B	4.01B	3.50B	17.3B	94.1	8.57	6.57	3.47	5.73	40.3	27.5	20.0B	12
13	5.40B	4.00B	4.20B	17.0B	82.3	8.28	7.83	3.19	6.67	41.5	28.9	18.7B	13
14	5.35B	3.95B	4.90B	17.0B	69.4	7.83	8.06	2.99	14.3	42.3	29.2	17.3B	14
15	5.30B	3.92B	5.60B	17.2B	51.4	8.86	7.88	2.85	20.3	49.3	25.3	16.5B	15
16	5.25B	3.88B	6.30B	20.0B	50.4	11.8	9.70	2.73	23.5	46.1	47.3	15.5B	16
17	5.20B	3.86B	6.90B	32.0B	45.4	13.4	11.1	2.56	23.7	40.4	39.5	14.7B	17
18	5.10B	3.84B	7.30B	52.0B	41.7	12.8	11.7	2.46	25.6	35.1	34.0	14.3B	18
19	5.05B	3.81B	7.40B	47.0B	39.7	11.8	10.6	2.50	24.1	30.5	31.0	15.1B	19
20	5.02B	3.78B	7.40B	44.0B	37.4	10.8	9.08	2.35	24.9	103	44.7	16.2B	20
21	4.95B	3.77B	7.25B	40.9	33.3	9.90	7.66	2.26	25.7	147	50.3	15.2B	21
22	4.90B	3.75B	7.10B	37.6	29.3	9.15	6.63	2.73	24.6	127	46.4	14.7B	22
23	4.85B	3.74B	7.00B	39.3	25.9	8.78	5.94	3.30	22.2	100	41.2	14.3B	23
24	4.80B	3.73B	7.00B	60.8	23.0	8.37	5.38	3.50	19.8	75.3	35.6	15.0B	24
25	4.75B	3.70B	7.10B	105	20.5	9.33	5.16	3.47	19.9	57.7	30.5	18.5B	25
26	4.70B	3.66B	7.00B	164	18.5	8.82	4.86	3.40	19.3	47.3	27.0	24.0B	26
27	4.65B	3.64B	6.90B	175	16.7	7.93	4.52	3.80	17.7	39.9	23.3	29.5B	27
28	4.60B	3.62B	6.80B	176	15.4	7.30	4.19	3.82	15.8	34.6	22.9	33.0B	28
29	4.55B		6.70B	182	14.6	6.71	3.98	3.56	14.3	31.4	21.7	36.8B	29
30	4.50B		6.70B	190	13.9	6.17	3.94	3.49	13.4	29.4	20.2	41.0B	30
31	4.45B		8.00B		13.7		3.89	3.27		27.1		39.0B	31
TOTAL	162.32	111.07	169.73	1 624.5	3 772.6	317.87	191.00	103.64	478.63	1 480.4	1 040.0	706.1	TOTAL
MEAN	5.24	3.97	5.48	54.2	89.4	10.6	6.16	3.34	16.0	47.1	34.7	22.8	MEAN
MAX	5.95	4.40	8.00	190	237	18.5	11.7	4.28	25.7	147	78.9	41.0	MAX
MIN	4.45	3.62	3.47	11.4	13.7	8.17	3.89	2.26	8.22	12.7	20.2	14.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.0
MAXIMUM DAILY, 237 ON MAY 3
MINIMUM DAILY, 2.26 ON AUG 21
MAXIMUM INSTANTANEOUS,
248 AT 21:01 EST ON MAY 2

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 59 36 N
LONG 84 31 31 W
DRAINAGE AREA, 1 190 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 000	JUL	16 500
FEB	9 600	AUG	8 950
MAR	14 700	SEP	41 400
APR	140 000	OCT	126 000
MAY	240 000	NOV	89 900
JUN	27 500	DEC	61 000

TOTAL DISCHARGE, 790 000 dam³

BAYFIELD RIVER NEAR VARNA - STATION NO. 02FF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.58B	1.02 B	0.798B	104	2.27	2.51	1.29	0.700	0.499	2.86	1.30	23.6	1
2	3.33B	1.00 B	0.791B	42.0	2.12	2.34	1.13	0.935	0.720	2.15	2.84	14.4	2
3	4.81	0.991B	0.784B	34.9	1.95	1.84	1.01	0.972	0.577	1.68	4.03	11.4	3
4	11.7	0.975B	0.860B	25.7	1.77	1.56	0.948	0.713	0.479	1.34	5.00	32.2	4
5	17.5	0.964B	0.948B	13.5	1.65	1.52	0.882	0.573	0.390	1.11	4.32	31.6	5
6	12.2	0.959B	0.936B	13.5	1.56	2.15	0.784	0.509	0.335	0.945	3.21	35.9	6
7	8.96	0.947B	0.908B	11.2	1.56	2.04	0.682	0.429	0.283	0.882	2.52	24.1	7
8	6.24B	0.939B	0.882B	10.6	1.68	4.06	0.625	0.526	0.244	0.882	2.16	13.4	8
9	4.48B	0.928B	0.852B	13.1	1.46	3.06	0.568	0.528	0.220	0.786	1.84	9.71	9
10	3.72B	0.921B	0.838B	14.8	1.32	2.24	0.535	0.440	0.194	0.709	1.62	7.46	10
11	3.30B	0.914B	1.27 B	12.6	1.25	1.75	0.556	0.369	0.189	0.720	1.94	6.07	11
12	2.99B	0.908B	2.09 B	12.6	1.19	1.42	0.616	0.316	0.187	0.717	8.78	4.60B	12
13	2.68B	0.906B	6.39 B	18.7	1.14	1.24	0.562	0.312	0.184	0.697	15.9	4.10B	13
14	2.45B	0.907B	15.3 B	20.3	1.07	1.04	0.530	0.276	0.172	0.667	12.7	3.95B	14
15	2.24B	0.919B	20.4 B	14.2	1.01	1.26	0.538	0.249	0.171	0.677	8.72	3.86	15
16	2.05B	0.904B	25.3 B	12.4	0.966	2.54	0.529	0.249	0.180	0.738	6.14	21.1	16
17	1.86B	0.896B	29.7 B	15.0	0.944	1.92	0.642	0.236	0.210	0.794	4.78	20.6	17
18	1.69B	0.882B	34.3 B	13.2	0.844	1.52	0.834	0.214	0.684	0.825	4.03	11.2	18
19	1.57B	0.876B	39.4 B	9.29	0.865	4.84	0.706	0.235	0.643	0.815	3.70	7.99	19
20	1.48B	0.866B	46.8 B	8.37	1.18	6.75	0.638	0.367	0.533	0.789	5.61	6.37	20
21	1.39B	0.856B	52.0	10.7	1.13	9.66	0.684	0.402	0.572	0.825	21.4	5.46	21
22	1.36B	0.845B	44.9	8.42	0.992	7.81	0.743	0.399	0.710	0.815	26.6	4.45	22
23	1.44B	0.840B	51.0	6.50	1.08	4.60	0.597	0.436	3.97	0.830	19.7	4.83	23
24	1.67B	0.835B	59.6	5.39	1.12	3.08	0.527	0.385	3.07	0.798	28.2	42.2	24
25	1.39B	0.825B	54.5 B	4.59	1.05	2.50	0.484	4.18	2.81	0.749	20.3	93.9	25
26	1.22B	0.818B	28.5 B	4.04	0.974	2.66	0.468	2.95	3.18	0.719	12.3	66.9	26
27	1.17B	0.811B	21.0 B	3.59	1.16	2.32	0.476	2.10	4.82	0.674	8.69	27.7	27
28	1.13B	0.806B	16.5 B	3.13	9.33	1.98	0.883	1.59	8.62	0.643	7.18	18.4	28
29	1.10B		17.7	2.78	10.3	1.72	0.704	1.04	6.58	0.625	25.8	14.6	29
30	1.07B		36.3	2.48	4.72	1.50	0.586	0.781	4.23	0.639	35.7	10.0	30
31	1.04B		143		3.09		0.856	0.613		0.660		6.90	31
TOTAL	111.81	25.258	758.547	471.58	62.745	85.43	21.613	24.024	45.656	28.760	307.01	588.86	TOTAL
MEAN	3.61	0.902	24.3	15.7	2.02	2.85	0.697	0.775	1.52	0.928	10.2	19.0	MEAN
MAX	17.5	1.02	143	104	10.3	9.66	1.29	4.18	8.62	2.86	35.7	93.9	MAX
MIN	1.04	0.806	0.784	2.48	0.844	1.04	0.468	0.214	0.171	0.625	1.30	3.86	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.92
MAXIMUM DAILY, 143 ON MAR 31
MINIMUM DAILY, 0.171 ON SEP 15
MAXIMUM INSTANTANEOUS,
175 AT 17:14 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 33 03 N
LONG 81 35 22 W
DRAINAGE AREA, 466 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 660	JUL	1 870
FEB	2 180	AUG	2 080
MAR	65 200	SEP	3 940
APR	40 700	OCT	2 480
MAY	5 420	NOV	26 500
JUN	7 380	DEC	50 900

TOTAL DISCHARGE, 218 000 dam³

BEAR BROOK NEAR BOURGET - STATION NO. 02LB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.962B	0.693B	0.582B	123 B	3.29	0.624	0.836	0.269	0.298	1.15	0.512	12.5	1
2	0.958B	0.686B	0.580B	153 B	2.91	0.696	0.617	0.249	1.32	1.82	0.505	17.5	2
3	0.955B	0.679B	0.578B	135 B	2.64	0.601	0.646	0.245	1.07	1.42	0.624	18.6	3
4	1.20 B	0.672B	0.576B	110 B	2.35	0.525	0.569	0.213	0.776	1.05	5.57	29.0	4
5	1.70 B	0.665B	0.574B	68.9 B	2.17	0.504	0.469	0.198	0.566	0.791	17.7	23.8	5
6	2.05 B	0.658B	0.572B	45.3 B	1.97	0.536	0.398	0.194	0.716	0.714	12.7	18.3	6
7	2.20 B	0.651B	0.570B	30.5 B	1.90	0.668	0.345	0.201	1.25	0.631	6.52	14.7	7
8	1.75 B	0.644B	0.568B	17.0 B	1.90	0.537	0.306	0.223	1.00	0.751	4.14	9.31	8
9	1.50 B	0.637B	0.566B	15.0 B	5.23	0.452	0.283	0.226	0.703	0.953	3.12	6.71	9
10	1.30 B	0.630B	0.564B	20.0 B	6.91	0.406	0.239	0.206	0.498	0.965	2.47	5.65B	10
11	1.17 B	0.626B	0.570B	26.5 B	4.06	0.391	0.251	0.189	0.402	0.820	2.09	4.60B	11
12	1.09 B	0.622B	0.641B	27.0 B	2.82	0.378	1.73	0.177	0.339	0.770	2.91	3.65B	12
13	1.01 B	0.618B	1.53 B	37.6	2.24	0.359	0.912	0.185	0.310	0.827	5.70	2.60B	13
14	0.954B	0.614B	2.63 B	49.9	1.91	0.342	0.479	0.212	0.318	0.861	4.48	2.00B	14
15	0.925B	0.610B	2.45 B	45.2	1.57	0.350	0.358	0.176	0.344	1.10	3.25	1.70B	15
16	0.905B	0.608B	2.63 B	39.4	1.36	0.771	0.304	0.161	0.341	1.20	2.52	7.00B	16
17	0.885B	0.606B	3.00 B	38.1	1.20	0.662	0.264	0.143	0.354	1.07	2.42	16.8	17
18	0.865B	0.604B	2.82 B	36.6	1.03	0.530	0.247	0.129	0.458	0.874	2.22	13.2	18
19	0.845B	0.602B	3.09 B	21.9	0.979	0.460	0.339	0.127	0.577	0.741	2.10	8.35	19
20	0.825B	0.600B	3.75 B	15.5	1.11	0.584	0.306	0.141	0.479	0.687	2.02	5.29	20
21	0.810B	0.598B	4.45 B	32.9	0.987	0.808	0.260	0.148	0.423	0.664	2.35	4.33B	21
22	0.795B	0.596B	5.00 B	26.7	0.825	1.06	0.227	0.162	0.417	0.635	4.79	3.75B	22
23	0.780B	0.594B	5.50 B	15.7	0.728	1.82	0.207	0.204	0.428	0.616	4.58	2.60B	23
24	0.765B	0.592B	5.80 B	10.9	0.824	1.92	0.191	0.304	0.598	0.582	7.49	2.00B	24
25	0.750B	0.590B	6.75 B	8.98	0.936	1.21	0.185	1.52	0.620	0.584	8.31	4.40B	25
26	0.741B	0.588B	11.1 B	7.26	0.827	1.29	0.198	3.07	0.600	0.508	4.82	31.9	26
27	0.732B	0.586B	12.5 B	6.45	0.741	1.03	0.192	1.22	0.758	0.500	3.71 B	30.2	27
28	0.724B	0.584B	12.2 B	5.50	0.672	0.727	0.176	0.693	1.19	0.528	3.45 B	24.2	28
29	0.716B		12.4 B	4.42	0.658	0.619	0.216	0.459	1.05	0.508	3.82 B	29.7	29
30	0.708B		12.5 B	3.78	0.628	0.963	0.218	0.342	0.835	0.510	6.24	22.4	30
31	0.700B		28.4 B		0.618		0.243	0.309		0.513		13.1	31
TOTAL	32.270	17.453	145.441 1	177.99	57.993	21.823	12.211	12.295	19.038	25.343	133.131	389.84	TOTAL
MEAN	1.04	0.623	4.69	39.3	1.87	0.727	0.394	0.397	0.635	0.818	4.44	12.6	MEAN
MAX	2.20	0.693	28.4	153	6.91	1.92	1.73	3.07	1.32	1.82	17.7	31.9	MAX
MIN	0.700	0.584	0.564	3.78	0.618	0.342	0.176	0.127	0.298	0.500	0.505	1.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.60
MAXIMUM DAILY, 153B ON APR 2
MINIMUM DAILY, 0.127 ON AUG 19

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 25 35 N
LONG 75 09 12 W
DRAINAGE AREA, 440 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 790	JUL	1 060
FEB	1 510	AUG	1 060
MAR	12 600	SEP	1 640
APR	102 000	OCT	2 190
MAY	5 010	NOV	11 500
JUN	1 890	DEC	33 700

TOTAL DISCHARGE, 177 000 dam³

BEAR CREEK ABOVE WILKESPORT - STATION NO. 02GG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.80 B	0.640B	0.540B	59.8	1.25	3.44	3.71	0.131	1.20	1.27	0.198	19.9	1
2	4.10 B	0.620B	0.535B	74.8	1.15	3.16	2.62	0.129	0.817	1.78	0.316	19.4	2
3	5.10 B	0.600B	0.530B	44.7	1.08	2.12	1.69	0.129	0.652	1.33	0.389	13.7	3
4	13.3	0.590B	0.525B	27.6	1.02	1.74	1.49	0.139	0.586	0.892	0.688	13.3	4
5	25.4	0.580B	0.520B	19.8	0.957	1.68	1.27	0.223	0.512	0.650	1.02	17.3	5
6	29.1	0.570B	0.520B	12.6	0.892	1.82	0.893	0.498	0.501	0.473	2.48	25.1	6
7	35.0	0.550B	0.515B	8.26	0.858	2.24	0.733	0.966	0.608	0.350	2.69	27.4	7
8	41.7	0.540B	0.510B	6.60	0.864	3.19	0.603	0.755	0.583	0.300	1.93	26.3	8
9	33.6	0.530B	0.510B	5.74	0.834	3.99	0.476	0.589	0.462	0.272	1.28	4.50B	9
10	15.0 B	0.510B	0.505B	8.44	0.789	3.04	0.374	0.485	0.381	0.231	0.938	10.5	10
11	8.40 B	0.490B	0.910B	13.5	0.746	2.07	0.338	0.520	0.316	0.208	0.861	7.10	11
12	3.90 B	0.480B	2.05 B	17.4	0.718	1.37	0.290	1.49	0.270	0.184	1.49	5.64	12
13	2.80 B	0.470B	23.0 B	20.9	0.672	1.06	0.234	1.32	0.236	0.171	4.40	4.90B	13
14	2.30 B	0.460B	60.0 B	23.0	0.610	0.855	0.192	0.751	0.207	0.159	9.52	4.50B	14
15	1.85 B	0.440B	85.0 B	20.6	0.583	0.898	0.163	0.573	0.188	0.145	12.8	4.20B	15
16	1.50 B	0.420B	129 B	18.2	0.542	1.28	0.236	0.398	0.156	0.156	9.91	12.1	16
17	1.30 B	0.430B	133 B	15.0	0.511	0.978	0.428	0.264	0.138	0.174	5.83	24.0	17
18	1.15 B	0.430B	115 B	13.9	0.488	0.846	0.423	0.200A	0.146	0.172	3.36	30.9	18
19	1.04 B	0.430B	101	11.8	0.438	1.58	0.389	0.141	0.135	0.150	2.25	34.4	19
20	1.00 B	0.430B	78.4	9.16	0.401	3.11	0.360	0.112	0.111	0.145	2.58	23.7	20
21	0.940B	0.450B	62.9	6.62	0.358	3.31	0.310	0.080	0.098	0.141	6.94	18.8	21
22	0.890B	0.470B	52.0	4.92	0.364	3.97	0.274	0.067	0.103	0.143	10.9	18.1	22
23	0.850B	0.490B	47.4	3.91	0.418	3.59	0.243	0.067	0.160	0.143	15.4	15.4	23
24	0.960B	0.510B	46.4	3.13	0.479	2.41	0.207	0.072	0.330	0.337	19.3	14.6	24
25	0.920B	0.540B	42.0	2.57	0.542	1.65	0.164	0.233	0.606	0.631	19.2	22.7	25
26	0.840B	0.570B	36.8	2.18	0.567	1.25	0.152	0.622	0.451	0.388	19.3	35.4	26
27	0.730B	0.600B	27.5	1.94	0.688	1.02	0.148	1.83	0.438	0.285	16.6	47.0	27
28	0.710B	0.580B	16.2	1.75	0.785	0.978	0.154	9.82	0.773	0.281	10.6	43.3	28
29	0.690B		12.8	1.56	1.87	9.04	0.151	9.13	1.42	0.230	12.5	26.5	29
30	0.670B		13.6	1.38	1.23	7.04	0.138	4.84	0.862	0.184	16.6	15.5	30
31	0.660B		28.5		2.21		0.132	2.33		0.178		11.6	31
TOTAL	240.200	14.420	1 118.670	457.76	24.914	74.725	18.985	38.900	13.446	12.149	212.266	611.64	TOTAL
MEAN	7.75	0.515	36.1	15.3	0.804	2.49	0.612	1.25	0.448	0.392	7.08	19.7	MEAN
MAX	41.7	0.640	133	74.8	2.21	9.04	3.71	9.82	1.42	1.78	19.3	47.0	MAX
MIN	0.660	0.420	0.505	1.38	0.358	0.846	0.132	0.067	0.098	0.141	0.194	4.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.78
MAXIMUM DAILY, 133B ON MAR 17
MINIMUM DAILY, 0.067 ON AUG 22
MAXIMUM INSTANTANEOUS,
141B AT 23:29 EST ON MAR 16

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 45 52 N
LONG 82 20 30 W
DRAINAGE AREA, 609 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20 800	JUL	1 640
FEB	1 250	AUG	3 360
MAR	96 700	SEP	1 160
APR	39 600	OCT	1 050
MAY	2 150	NOV	18 300
JUN	6 460	DEC	52 800

TOTAL DISCHARGE, 245 000 dam³

BEAR CREEK BELOW BRIGDEN - STATION NO. 02GG009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.30 B	0.580B	0.500B	74.0	1.09	2.79	1.68	0.086	0.912	1.58	0.170	18.8	1
2	3.80 B	0.560B	0.490B	66.8	1.01	2.19	1.37	0.085	0.680	1.48	0.268	15.7	2
3	4.00 B	0.550B	0.485B	39.1	0.933	1.57	0.962	0.091	0.575	1.10	0.475	8.06	3
4	13.0 B	0.540B	0.480B	25.3	0.871	1.50	0.772	0.156	0.507	0.754	0.770	8.61	4
5	26.7	0.530B	0.480B	19.2	0.808	1.33	0.657	0.194	0.460	0.554	1.59	14.0	5
6	31.4	0.515B	0.475B	9.40	0.756	1.52	0.520	0.836	0.548	0.409	2.70	22.1	6
7	33.0 B	0.505B	0.472B	6.41	0.749	1.77	0.420	0.777	0.624	0.356	2.32	23.1	7
8	40.0 B	0.495B	0.470B	4.81	0.768	2.84	0.328	0.564	0.499	0.302	1.61	21.8	8
9	29.3	0.490B	0.468B	4.61	0.743	2.81	0.265	0.459	0.410	0.258	1.11	11.8	9
10	11.5 B	0.480B	0.465B	7.20	0.705	2.00	0.217	0.402	0.342	0.228	0.830	5.59	10
11	7.00 B	0.475B	0.800B	13.3	0.686	1.42	0.199	0.915	0.295	0.211	0.801	4.05B	11
12	3.70 B	0.470B	1.80 B	16.9	0.655	1.05	0.169	1.45	0.261	0.196	2.09	3.80B	12
13	2.60 B	0.465B	29.0 B	21.2	0.596	0.847	0.139	1.07	0.232	0.185	4.93	3.60B	13
14	2.10 B	0.460B	52.0 B	23.4	0.559	0.687	0.115	0.675	0.211	0.187	10.8	3.50B	14
15	1.60 B	0.450B	76.0 B	19.3	0.543	0.588	0.119	0.456	0.177	0.193	11.2	3.40B	15
16	1.40 B	0.440B	114 B	10.9	0.526	0.670	0.323	0.330	0.160	0.217	7.24	12.8	16
17	1.20 B	0.430B	92.0 B	12.9	0.498	0.641	0.354	0.237	0.141	0.184	4.06	25.7	17
18	1.05 B	0.425B	83.4 B	11.4	0.454	0.688	0.335	0.176	0.147	0.161	2.60	33.7	18
19	0.916B	0.420B	75.0 B	9.21	0.397	1.08	0.303	0.134	0.122	0.149	1.88	31.6	19
20	0.880B	0.415B	64.8	6.65	0.376	1.96	0.263	0.104	0.111	0.147	2.37	18.6	20
21	0.840B	0.410B	54.0	4.82	0.346	2.10	0.209	0.092	0.117	0.148	5.99	16.5	21
22	0.800B	0.420B	47.8	3.74	0.356	2.80	0.177	0.092	0.118	0.139	10.3	15.6	22
23	0.820B	0.430B	45.5	3.06	0.406	2.14	0.152	0.097	0.234	0.159	15.0	10.8	23
24	0.860B	0.450B	45.4	2.51	0.499	1.51	0.111	0.088	0.548	0.700	18.9	10.6	24
25	0.840B	0.470B	40.7	2.14	0.497	1.15	0.096	0.377	0.592	0.454	18.1	21.1	25
26	0.740B	0.510B	35.0	1.90	0.579	0.943	0.096	0.841	0.373	0.297	18.6	32.5	26
27	0.680B	0.560B	25.4	1.75	0.661	0.779	0.093	3.59	0.404	0.283	12.3	38.7	27
28	0.640B	0.540B	13.3	1.58	1.06	1.13	0.096	9.06	1.12	0.248	6.10	31.8	28
29	0.630B		10.4	1.40	1.55	5.82	0.094	5.78	1.13	0.199	9.34	18.2	29
30	0.610B		12.5	1.22	1.10	2.65	0.088	2.55	0.875	0.172	14.6	10.1	30
31	0.590B		32.2		2.32		0.089	1.40		0.167		6.60	31
TOTAL	226.496	13.489	955.785	426.11	23.097	50.973	10.811	33.164	12.925	11.817	189.044	502.81	TOTAL
MEAN	7.31	0.482	30.8	14.2	0.745	1.70	0.349	1.07	0.431	0.381	6.30	16.2	MEAN
MAX	40.0	0.580	114	74.0	2.32	5.82	1.68	9.06	1.13	1.58	18.9	38.7	MAX
MIN	0.590	0.410	0.465	1.22	0.346	0.588	0.088	0.085	0.111	0.139	0.170	3.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.73
MAXIMUM DAILY, 114B ON MAR 16
MINIMUM DAILY, 0.085 ON AUG 2
MAXIMUM INSTANTANEOUS,
120B AT 19:42 EST ON MAR 16

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 48 42 N
LONG 82 17 54 W
DRAINAGE AREA, 533 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 600	JUL	934
FEB	1 170	AUG	2 870
MAR	82 600	SEP	1 120
APR	36 800	OCT	1 020
MAY	2 000	NOV	16 300
JUN	4 400	DEC	43 400

TOTAL DISCHARGE, 212 000 dam³

BEAR CREEK NEAR PETROLIA - STATION NO. 02GG006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.20 B	0.355B	0.370B	39.0	0.588	1.18	0.462	0.035	0.411	0.788	0.067	9.32	1
2	2.80 B	0.350B	0.360B	13.7	0.552	1.11	0.331	0.071	0.361	0.553	0.118	5.89	2
3	3.40 B	0.345B	0.350B	9.23	0.519	1.04	0.274	0.149	0.324	0.430	0.631	3.29	3
4	10.2	0.340B	0.345B	10.7	0.504	0.785	0.261	0.740	0.400	0.330	1.68	7.19	4
5	20.3	0.335B	0.335B	5.62	0.476	0.679	0.239	0.758	0.491	0.266	1.61	13.7	5
6	29.6	0.330B	0.330B	2.62	0.441	1.12	0.195	0.461	0.380	0.221	1.09	15.1	6
7	30.1	0.325B	0.335B	3.98	0.436	1.96	0.161	0.309	0.319	0.190	0.698	12.9	7
8	19.8	0.322B	0.350B	1.74	0.440	1.58	0.138	0.255	0.245	0.155	0.501	6.24	8
9	7.74	0.320B	0.340B	2.49	0.481	1.18	0.122	0.553	0.195	0.152	0.477	3.40	9
10	5.50	0.315B	0.350B	5.91	0.434	0.826	0.103	1.37	0.157	0.150	0.446	2.41	10
11	2.80 B	0.315B	0.450B	7.27	0.397	0.634	0.084	0.895	0.141	0.157	0.447	2.08	11
12	1.50 B	0.310B	0.850B	7.41	0.374	0.534	0.078	0.528	0.116	0.136	1.33	1.84	12
13	0.920B	0.310B	7.50 B	11.2	0.357	0.465	0.070	0.334	0.106	0.126	6.40	1.64	13
14	0.800B	0.308B	29.0 B	9.59	0.349	0.396	0.065	0.226	0.095	0.118	6.05	1.38	14
15	0.700B	0.305B	88.0 B	5.60	0.321	0.355	0.051	0.150	0.077	0.110	3.45	1.40	15
16	0.630B	0.304B	78.0 B	3.61	0.304	0.392	0.043	0.103	0.066	0.105	1.98	11.3	16
17	0.570B	0.303B	64.0 B	4.14	0.275	0.389	0.039	0.073	0.060	0.105	1.29	24.6	17
18	0.530B	0.302B	51.0 B	4.79	0.281	0.391	0.039	0.059	0.064	0.101	1.02	12.9	18
19	0.480B	0.320B	33.0 B	3.18	0.260	0.492	0.035	0.049	0.072	0.085	0.826	5.10	19
20	0.480B	0.335B	23.5 B	2.19	0.231	0.767	0.036	0.050	0.070	0.102	0.960	6.51	20
21	0.460B	0.350B	20.8	1.79	0.221	0.989	0.042	0.044	0.098	0.231	4.55	9.41	21
22	0.450B	0.365B	21.1	1.50	0.262	0.761	0.038	0.038	0.104	0.279	9.20	6.65	22
23	0.440B	0.375B	19.9	1.23	0.340	0.583	0.029	0.041	0.097	0.233	6.95	4.41	23
24	0.450B	0.390B	19.0	1.09	0.450	0.499	0.022	0.054	0.090	0.198	9.54	10.8	24
25	0.460B	0.385B	16.6	0.994	0.468	0.408	0.016	0.385	0.100	0.177	12.2	21.0	25
26	0.470B	0.375B	12.2	0.923	0.445	0.359	0.017	6.30	0.148	0.151	6.88	28.8	26
27	0.440B	0.370B	7.21	0.882	0.425	0.335	0.019	7.88	0.201	0.126	3.22	15.5	27
28	0.400B	0.380B	4.84	0.798	0.484	0.324	0.016	2.72	0.375	0.104	2.22	7.33	28
29	0.375B		4.36	0.682	1.13	0.356	0.012	1.19	1.02	0.088	6.57	6.52	29
30	0.365B		8.18	0.624	2.06	0.421	0.018	0.695	1.03	0.074	13.1	4.36	30
31	0.360B		50.5		1.97		0.035	0.486		0.062		2.71	31
TOTAL	126.726	9.439	563.435	162.983	16.235	21.270	3.090	27.001	7.423	6.093	105.421	264.84	TOTAL
MEAN	4.09	0.337	18.2	5.43	0.524	0.709	0.100	0.871	0.247	0.197	3.51	8.54	MEAN
MAX	29.6	0.390	88.0	39.0	2.06	1.96	0.462	7.88	1.03	0.788	13.1	28.8	MAX
MIN	0.360	0.302	0.330	0.624	0.221	0.324	0.012	0.035	0.060	0.062	0.067	1.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.60
MAXIMUM DAILY, 88.0B ON MAR 15
MINIMUM DAILY, 0.012 ON JUL 29

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 54 21 N
LONG 82 07 12 W
DRAINAGE AREA, 267 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 900	JUL	267
FEB	816	AUG	2 330
MAR	48 700	SEP	641
APR	14 100	OCT	526
MAY	1 400	NOV	9 110
JUN	1 840	DEC	22 900

TOTAL DISCHARGE, 114 000 dam³

BEAVER CREEK NEAR MARMORA - STATION NO. 02HK006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.20B	3.05B	1.90B	9.50B	27.9	8.90	3.11	0.711	0.441	0.917	4.16	14.6	1
2	4.40B	3.10B	1.86B	11.5 B	25.8	8.60	2.69	0.690	0.447	0.944	4.48	15.2	2
3	4.60B	3.20B	1.83B	13.7 B	23.9	7.98	2.39	0.638	0.444	0.925	5.09	16.9	3
4	4.90B	3.20B	1.80B	15.5 B	22.1	7.34	2.14	0.568	0.466	0.861	6.37	19.6	4
5	5.10B	3.10B	1.85B	19.0 B	19.0	6.77	1.91	0.527	0.460	0.868	7.99	22.4	5
6	5.40B	3.00B	1.90B	18.0 B	15.2	6.43	1.74	0.485	0.466	0.883	8.38	23.3	6
7	5.40B	2.90B	1.90B	17.0 B	12.9	5.89	1.62	0.432	0.449	0.965	8.26	23.5	7
8	5.30B	2.80B	1.87B	16.0 B	12.2	5.37	1.60	0.398	0.434	1.13	7.96	22.8	8
9	5.10B	2.70B	1.84B	15.0 B	12.2	4.60	1.63	0.382	0.435	1.17	7.34	21.3	9
10	4.90B	2.60B	1.80B	14.0 B	12.2	3.67	1.52	0.350	0.448	1.12	6.75	19.6	10
11	4.60B	2.50B	1.78B	13.6 B	11.7	3.19	1.44	0.296	0.445	1.18	6.49	17.8B	11
12	4.40B	2.40B	1.80B	13.3 B	11.1	2.88	1.35	0.267	0.431	1.24	6.58	17.2B	12
13	4.20B	2.30B	3.20B	14.0 B	10.6	2.77	1.25	0.236	0.420	1.20	6.90	16.6B	13
14	4.00B	2.20B	5.60B	16.0 B	10.0	2.82	1.15	0.227	0.446	1.18	7.24	16.1B	14
15	3.80B	2.30B	6.20B	19.0 B	9.47	2.67	1.06	0.205	0.502	1.23	7.54	15.4B	15
16	3.65B	2.40B	5.90B	25.0 B	8.91	3.18	1.00	0.193	0.471	1.26	7.55	17.0	16
17	3.50B	2.30B	5.80B	34.1	8.40	3.72	0.980	0.191	0.441	1.27	7.25	19.2B	17
18	3.40B	2.23B	5.70B	44.5	7.98	3.96	0.983	0.161	0.500	1.34	6.99	22.4B	18
19	3.30B	2.14B	5.70B	49.8	7.60	3.86	1.04	0.164	0.466	1.60	6.80	20.3B	19
20	3.20B	2.05B	5.80B	46.0	7.35	3.96	1.04	0.176	0.502	1.86	6.71	17.9B	20
21	3.10B	2.10B	6.80B	47.1	7.17	4.38	1.00	0.168	0.508	2.02	7.27	16.2B	21
22	3.00B	2.15B	8.60B	50.2	7.02	4.85	0.948	0.170	0.512	2.07	9.86	15.9B	22
23	3.10B	2.20B	8.40B	48.0	6.82	5.13	0.886	0.217	0.537	2.15	12.1	15.6B	23
24	3.20B	2.15B	8.10B	44.4	7.44	5.11	0.803	0.196	0.530	2.13	13.3	15.1	24
25	3.40B	2.10B	7.80B	42.0	8.32	5.64	0.748	0.303	0.596	2.10	14.4	16.4	25
26	3.40B	2.05B	7.60B	40.1	8.81	5.83	0.712	0.329	0.601	2.06	14.5	20.0	26
27	3.18B	2.00B	7.40B	38.1	8.66	5.19	0.687	0.352	0.704	1.98	14.0	22.6B	27
28	3.00B	1.95B	7.20B	35.6	8.74	4.12	0.732	0.393	0.737	1.94	13.1	23.1	28
29	2.90B		7.00B	32.9	9.55	3.58	0.742	0.416	0.777	1.88	13.1	23.4	29
30	2.80B		7.30B	30.3	9.52	3.47	0.747	0.420	0.848	2.39	13.9	21.8B	30
31	2.90B		7.80B		9.21		0.720	0.434		3.34		20.0B	31
TOTAL	121.33	69.17	150.03	833.20	367.77	145.86	40.358	10.695	15.464	47.203	262.36	589.2	TOTAL
MEAN	3.91	2.47	4.84	27.8	11.9	4.86	1.30	0.345	0.515	1.52	8.75	19.0	MEAN
MAX	5.40	3.20	8.60	50.2	27.9	8.90	3.11	0.711	0.848	3.34	14.5	23.5	MAX
MIN	2.80	1.95	1.78	9.50	6.82	2.67	0.687	0.161	0.420	0.861	4.16	14.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.27
MAXIMUM DAILY, 50.2 ON APR 22
MINIMUM DAILY, 0.161 ON AUG 18
MAXIMUM INSTANTANEOUS,
50.7 AT 06:55 EST ON APR 19

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 02 N
LONG 77 41 56 W
DRAINAGE AREA, 541 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 500	JUL	3 490
FEB	5 980	AUG	924
MAR	13 000	SEP	1 340
APR	72 000	OCT	4 080
MAY	31 800	NOV	22 700
JUN	12 600	DEC	50 900

TOTAL DISCHARGE, 229 000 dam³

BEAVER RIVER NEAR CLARKSBURG - STATION NO. 02FB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.94	6.00B	4.98B	54.5	16.7	8.73	8.25	3.91	2.58	4.66	5.06	11.9	1
2	7.91	6.00B	4.97B	43.2	14.6	8.16	7.55	3.97	2.42	4.72	6.27	13.7	2
3	7.62	6.02B	4.96B	35.2	13.3	7.63	6.98	4.67	2.78	4.69	7.60	17.7	3
4	9.39	6.05B	4.96B	29.0	12.3	7.08	6.62	4.84	3.12	4.62	7.77	17.1	4
5	11.1	6.10B	5.10B	32.7	11.3	6.81	6.24	5.33	3.02	4.58	7.72	16.7	5
6	10.6	6.15B	5.39B	26.9	10.9	6.77	5.95	5.35	2.95	4.48	7.67	21.9	6
7	9.94	6.40B	5.60B	22.5	10.9	6.67	5.68	5.12	2.98	4.51	7.53	18.1	7
8	8.00B	6.50B	5.80B	20.9	10.8	6.50	5.41	5.01	2.88	4.47	7.69	16.2	8
9	6.90B	6.50B	5.80B	19.7	10.6	6.28	5.22	5.16	2.78	4.30	7.38	14.2 B	9
10	6.85B	6.40B	5.80B	19.0	10.5	6.05	5.05	5.01	2.77	4.53	7.12	13.8 B	10
11	6.80B	6.10B	6.40B	18.2	10.1	5.95	5.07	4.81	2.72	4.18	7.01	12.4	11
12	6.75B	5.90B	7.00B	18.1	9.71	5.70	5.17	4.69	2.59	3.63	7.75	10.9	12
13	6.70B	5.70B	11.0 B	22.5	9.31	5.46	5.23	4.61	2.58	4.18	8.41	9.14	13
14	6.65B	5.60B	22.0 B	23.0	8.90	5.38	5.03	4.16	3.11	4.64	8.44	9.16	14
15	6.60B	5.50B	18.5 B	24.7	8.44	7.22	4.62	3.43	3.91	4.71	8.56	10.4	15
16	6.55B	5.40B	16.8 B	30.2	7.92	13.8	4.66	3.25	4.22	5.69	8.09	20.0 B	16
17	6.50B	5.30B	17.4 B	45.1	7.56	12.1	4.28	3.18	4.25	6.30	7.71	15.5 B	17
18	6.46B	5.24B	17.2 B	50.1	7.22	10.7	4.08	2.81	4.73	6.38	7.43	14.7	18
19	6.43B	5.50B	16.9 B	48.0	6.80	19.5	3.56	3.62	5.14	6.22	7.20	13.3	19
20	6.40B	5.60B	16.2 B	48.4	6.99	16.4	3.19	2.89	4.94	5.99	7.36	12.1	20
21	6.38B	5.60B	17.0 B	49.3	6.85	18.7	3.16	2.80	4.81	5.90	9.30	11.4	21
22	6.36B	5.50B	16.5 B	45.6	5.61	15.3	3.00	2.89	4.64	5.72	9.80	10.7	22
23	6.33B	5.42B	16.0 B	41.3	7.10	14.2	2.85	3.35	4.52	5.53	10.0	10.2	23
24	6.38B	5.36B	18.0 B	38.1	8.07	12.9	2.86	2.70	4.43	5.36	12.8	22.1	24
25	6.40B	5.30B	23.0 B	35.2	8.23	11.6	2.79	2.84	4.40	5.17	11.1	27.7	25
26	6.50B	5.10B	16.5 B	32.3	7.99	10.6	2.73	3.64	4.52	5.13	10.4	24.4	26
27	6.45B	5.00B	13.5 B	29.3	7.60	9.68	2.83	2.88	4.65	5.06	9.46	20.9	27
28	6.33B	5.00B	12.5 B	25.6	7.16	11.2	4.34	3.43	5.05	4.97	8.88B	18.9	28
29	6.20B		13.1	22.0	6.96	10.4	4.75	3.87	5.09	4.93	12.5	17.3	29
30	6.10B		20.3	19.1	8.29	9.25	3.80	3.80	4.86	4.78	12.1	15.2 B	30
31	6.00B		64.8		9.21		3.95	3.16		4.83		14.9 B	31
TOTAL	221.44	160.24	433.87	990.5	288.92	296.72	144.86	119.78	113.44	154.74	256.11	482.60	TOTAL
MEAN	7.14	5.72	14.0	33.0	9.32	9.89	4.67	3.86	3.78	4.99	8.54	15.6	MEAN
MAX	11.1	6.50	64.8	54.5	16.7	19.5	8.25	5.35	5.14	6.38	12.8	27.7	MAX
MIN	6.00	5.00	4.96	18.1	6.61	5.38	2.73	2.89	2.42	3.63	5.06	9.14	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.0
MAXIMUM DAILY, 64.8 ON MAR 31
MINIMUM DAILY, 2.42 ON SEP 2
MAXIMUM INSTANTANEOUS,
72.9 AT 18:30 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 31 20 N
LONG 80 28 00 W
DRAINAGE AREA, 572 km²

B - ICE CONDITIONS

REGULATED SINCE 1915

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 100	JUL	12 500
FEB	13 800	AUG	10 300
MAR	37 500	SEP	9 800
APR	85 600	OCT	13 400
MAY	25 000	NOV	22 100
JUN	25 600	DEC	41 700

TOTAL DISCHARGE, 316 000 dam³

BEAVERTON RIVER NEAR BEAVERTON - STATION NO. 02EC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.10 B	1.10 B	0.490B	37.2	3.82	1.32	0.793	0.587	0.814	2.29	1.62	8.35	1
2	1.12 B	1.12 B	0.470B	24.7	3.48	1.26	0.717	0.649	0.801	2.02	4.37	7.78	2
3	1.12 B	1.12 B	0.460B	27.4	3.10	1.00	0.666	0.766	0.787	1.82	6.53	10.5	3
4	1.00 B	1.00 B	0.445B	24.1	2.85	0.809	0.621	0.696	0.769	1.70	9.36	11.6	4
5	0.920B	0.920B	0.440B	19.8 B	2.58	0.807	0.575	0.628	0.718	1.59	11.8	10.2	5
6	0.870B	0.870B	0.465B	18.1 B	2.39	1.11	0.551	0.579	0.699	1.56	8.73	12.6	6
7	0.830B	0.830B	0.480B	15.5 B	2.22	1.20	0.531	0.455	0.665	1.51	7.07	9.14	7
8	0.790B	0.790B	0.450B	14.0 B	2.42	0.972	0.503	0.480	0.652	1.86	5.98	7.40	8
9	0.740B	0.740B	0.435B	12.9 B	2.53	0.788	0.476	0.521	0.631	1.97	5.17	5.98B	9
10	0.710B	0.710B	0.425B	12.6	2.20	0.726	0.473	0.487	0.604	1.90	4.57	4.89B	10
11	0.690B	0.690B	0.420B	12.9	1.94	1.27	0.513	0.462	0.567	1.97	4.32	4.33B	11
12	0.670B	0.670B	0.487B	12.2	1.76	1.08	0.520	0.438	0.556	2.57	4.72	3.85B	12
13	0.650B	0.650B	0.540B	13.3	1.60	1.17	0.481	0.444	0.563	2.48	5.09	3.54B	13
14	0.630B	0.630B	0.700B	13.1	1.44	1.90	0.465	0.433	0.605	2.26	4.59	3.45B	14
15	0.610B	0.610B	0.900B	12.6	1.27	1.99	0.438	0.403	0.766	2.99	4.22	3.45	15
16	0.590B	0.590B	1.40 B	12.5	1.13	6.74	0.412	0.381	0.860	3.06	3.85	11.5	16
17	0.585B	0.585B	2.00 B	14.9	1.05	4.21	0.413	0.376	0.890	2.63	3.74	8.02B	17
18	0.580B	0.580B	3.00 B	13.5	0.948	2.43	0.872	0.460	1.48	2.35	3.59	6.02B	18
19	0.575B	0.575B	3.50 B	10.9	0.932	2.55	2.69	0.361	1.62	2.13	3.48	4.81B	19
20	0.600B	0.600B	5.00 B	11.7	1.69	3.36	1.65	0.429	1.49	2.02	3.46	4.19B	20
21	0.640B	0.640B	8.00 B	12.1	1.44	2.76	1.02	0.438	1.44	2.11	4.94	3.85B	21
22	0.680B	0.680B	7.00 B	9.46	1.10	2.11	0.810	0.457	1.36	2.01	6.41	3.78B	22
23	0.685B	0.685B	8.00 B	8.18	1.09	1.95	0.736	0.535	1.47	1.91	5.63	3.71	23
24	0.670B	0.670B	9.00 B	7.37	1.48	1.55	0.667	0.507	1.64	1.82	8.56	5.37	24
25	0.573B	0.573B	9.49 B	6.58	1.32	1.35	0.617	1.26	2.42	1.77	7.33	23.9	25
26	1.14 B	0.550B	7.80 B	5.93	1.18	1.48	0.579	1.48	2.36	1.70	6.29	21.7	26
27	1.05 B	0.530B	7.00 B	5.44	1.04	1.29	0.545	1.24	2.38	1.58	5.38B	12.8	27
28	0.960B	0.510B	6.80 B	4.94	1.25	1.07	0.681	1.09	3.27	1.52	5.00B	11.4	28
29	0.980B		6.60 B	4.65	1.95	0.975	0.719	0.972	3.15	1.52	8.62	10.1	29
30	1.00 B		8.00 B	4.14	1.62	0.884	0.651	0.886	2.65	1.46	11.3	7.32B	30
31	1.08 B		38.1		1.52		0.623	0.870		1.43		6.23B	31
TOTAL	24.838	20.218	138.257	402.69	56.260	52.111	22.008	19.770	38.677	61.51	175.72	251.76	TOTAL
MEAN	0.801	0.722	4.46	13.4	1.81	1.74	0.710	0.638	1.29	1.98	5.86	8.12	MEAN
MAX	1.14	1.12	38.1	37.2	3.82	6.74	2.69	1.48	3.27	3.06	11.8	23.9	MAX
MIN	0.573	0.510	0.420	4.14	0.932	0.726	0.412	0.361	0.556	1.43	1.62	3.45	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.46
MAXIMUM DAILY, 38.1 ON MAR 31
MINIMUM DAILY, 0.361 ON AUG 19
MAXIMUM INSTANTANEOUS,
64.9 AT 19:45 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 23 49 N
LONG 79 04 16 W
DRAINAGE AREA, 282 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 150	JUL	1 900
FEB	1 750	AUG	1 710
MAR	11 900	SEP	3 340
APR	34 800	OCT	5 310
MAY	4 860	NOV	15 200
JUN	4 580	DEC	21 800

TOTAL DISCHARGE, 109 000 dam³

BESTON CREEK NEAR TOTTENHAM - STATION NO. 02ED100

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.580B	0.300B	0.248B	12.1	0.582	0.451	0.420	0.231	0.246	0.391	0.841	1.18	1
2	0.540B	0.310B	0.247B	1.92	0.483	0.460	0.363	0.241	0.238	0.353	2.28	0.895	2
3	0.520B	0.320B	0.246B	3.09	0.505	0.411	0.327	0.232	0.253	0.347	1.57	0.830	3
4	0.700B	0.330B	0.245B	2.42	0.506	0.380	0.322	0.357	0.235	0.316	1.78	1.10	4
5	0.940B	0.340B	0.244B	1.51	0.447	0.438	0.306	0.326	0.221	0.294	1.98	1.19	5
6	0.960B	0.330B	0.243B	1.15	0.458	1.21	0.302	0.279	0.219	0.283	1.12	0.24	6
7	0.820B	0.320B	0.242B	1.05	0.462	0.835	0.295	0.249	0.222	0.311	0.819	1.45	7
8	0.700B	0.300B	0.241B	0.914	0.569	0.590	0.288	0.254	0.217	0.411	0.707	0.899	8
9	0.580B	0.295B	0.240B	0.842	0.589	0.476	0.294	0.309	0.215	0.362	0.624	0.714	9
10	0.520B	0.290B	0.239B	0.777	0.454	0.405	0.261	0.265	0.207	0.334	0.574	0.633	10
11	0.480B	0.285B	0.238B	0.793	0.399	0.375	0.258	0.246	0.205	0.324	0.685	0.546	11
12	0.460B	0.280B	0.237B	0.854	0.361	0.340	0.267	0.237	0.206	0.331	0.822	0.554	12
13	0.440B	0.270B	1.63	1.02	0.391	0.326	0.264	0.229	0.205	0.325	0.842	0.435	13
14	0.420B	0.276B	4.28	0.960	0.381	0.360	0.263	0.223	0.316	0.318	0.711	0.411	14
15	0.400B	0.274B	3.79	0.899	0.380	0.371	0.256	0.217	0.836	0.330	0.725	0.456	15
16	0.390B	0.272B	2.59	0.940	0.387	0.860	0.249	0.209	0.479	0.490	0.685	1.70	16
17	0.390B	0.270B	2.27	1.97	0.396	0.586	0.293	0.206	0.330	0.758	0.601	1.08	17
18	0.370B	0.268B	2.26	1.47	0.372	0.443	0.417	0.210	0.612	0.627	0.553	0.674	18
19	0.360B	0.266B	2.19	0.951	0.418	0.788	1.03	0.210	0.498	0.486	0.503	0.603	19
20	0.350B	0.264B	3.24	1.17	0.622	1.01	0.488	0.244	0.362	0.437	0.661	0.615	20
21	0.340B	0.262B	3.16	1.30	0.521	1.29	0.311	0.243	0.307	0.438	0.934	0.616	21
22	0.335B	0.260B	2.32	0.848	0.477	1.17	0.255	0.233	0.296	0.390	1.04	0.596	22
23	0.330B	0.258B	3.36	0.720	0.458	1.84	0.240	0.254	0.524	0.357	0.873	0.606	23
24	0.325B	0.256B	3.97	0.658	0.456	0.875	0.223	0.245	0.516	0.330	2.07	2.25	24
25	0.320B	0.254B	3.50	0.617	0.491	0.617	0.217	0.560	0.486	0.325	1.33	5.10	25
26	0.320B	0.252B	2.01	0.583	0.462	0.960	0.216	0.463	0.485	0.317	0.906	3.71	26
27	0.310B	0.250B	1.38	0.578	0.394	0.798	0.235	0.307	0.639	0.359	0.764	1.45	27
28	0.314B	0.249B	1.31	0.533	0.582	0.635	0.472	0.276	0.877	0.471	0.670	1.41	28
29	0.310B		1.48	0.485	0.720	0.616	0.365	0.245	0.594	0.459	1.35	1.34	29
30	0.308B		2.65	0.578	0.522	0.512	0.277	0.246	0.456	0.493	1.75	0.864	30
31	0.304B		13.2		0.500		0.241	0.264		0.430		0.692	31
TOTAL	14.844	7.989	63.500	43.509	14.745	20.428	10.011	8.410	11.462	12.193	30.869	38.839	TOTAL
MEAN	0.466	0.282	2.05	1.45	0.476	0.681	0.323	0.271	0.382	0.393	1.03	1.25	MEAN
MAX	0.960	0.340	13.2	12.1	0.720	1.84	1.03	0.560	0.877	0.754	2.28	5.10	MAX
MIN	0.304	0.249	0.237	0.485	0.361	0.326	0.216	0.206	0.205	0.283	0.553	0.411	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.757
MAXIMUM DAILY, 13.2 ON MAR 31
MINIMUM DAILY, 0.205 ON SEP 11
MAXIMUM INSTANTANEOUS,
15.0 AT 06:50 EST ON MAR 31

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 02 56 N
LONG 79 48 10 W
DRAINAGE AREA, 86.0 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 250	JUL	865
FEB	683	AUG	727
MAR	5 490	SEP	990
APR	3 760	OCT	1 050
MAY	1 270	NOV	2 670
JUN	1 760	DEC	3 360

TOTAL DISCHARGE, 23 900 dam³

BERENS RIVER ABOVE BERENS LAKE - STATION NO. 05RC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.3B	15.7B	13.6B	10.8B	155	171	109	70.0E	37.6	24.4	40.4	25.0B	1
2	19.8B	15.6B	13.5B	10.6B	171	183	103	67.0E	36.8	24.8	40.0	24.9B	2
3	19.6B	15.6B	13.5B	10.6B	180	184	96.6	65.0E	36.4	25.2	39.2	24.8B	3
4	19.5B	15.5B	13.4B	10.4B	188	178	91.0	72.0E	35.9	26.2	38.2	24.7B	4
5	19.1B	15.5B	13.3B	10.3B	202	170	86.8	84.0E	34.9	27.0	37.0	24.6B	5
6	18.8B	15.4B	13.1B	10.2B	210	159	81.6	88.8E	33.8	27.7	36.3	24.3B	6
7	18.6B	15.2B	13.1B	10.2B	209	151	77.9	86.4E	33.0	28.4	36.0	24.2B	7
8	18.4B	15.1B	13.0B	10.2B	207	144	74.9	84.0E	32.2	28.6	35.2	24.1B	8
9	18.1B	15.1B	13.0B	10.2B	204	138	71.9	90.0E	31.5	28.8	34.8	24.0B	9
10	17.9B	15.0B	12.9B	10.2B	200	146	68.6	92.1E	31.1	29.4	34.0	23.9B	10
11	17.6B	15.0B	12.8B	10.2B	199	165	64.9	85.2E	30.5	30.7	33.3	23.8B	11
12	17.5B	14.9B	12.7B	10.2B	197	172	63.3	81.0E	29.4	32.4	32.2	23.7B	12
13	17.1B	14.9B	12.6B	10.2B	191	176	60.9A	76.8E	28.8	33.9	31.1	23.7B	13
14	17.0B	14.8B	12.5B	10.2B	183	177	57.4	73.0E	27.8	35.1	30.5	23.7B	14
15	17.0B	14.7B	12.5B	10.2B	177	175	54.8	69.5E	27.0	35.5	30.1	23.5B	15
16	16.9B	14.6B	12.4B	10.2B	170	172	52.6E	67.0E	26.4	36.2	29.5	23.2B	16
17	16.9B	14.6B	12.3B	10.2B	166	168	55.0E	65.0E	26.2	37.4	29.1	23.0B	17
18	16.8B	14.5B	12.1B	10.2B	172	163	62.0E	63.0E	26.7	38.7	28.9	22.8B	18
19	16.7B	14.4B	12.1B	10.2B	217	157	71.0E	60.8E	26.7	39.2	28.4	22.7B	19
20	16.6B	14.4B	12.0B	10.2B	253	152	68.2E	57.0E	26.6	39.5	28.1B	22.3B	20
21	16.5B	14.3B	11.9B	10.6B	262	146	63.0E	54.9E	26.3	39.6	27.7B	22.1B	21
22	16.5B	14.2B	11.8B	11.5B	253	140	61.0E	52.1E	26.0	39.6	27.4B	21.9B	22
23	16.4B	14.1B	11.7B	15.5	231	135	59.3E	49.4E	25.6	39.6	27.2B	21.7B	23
24	16.3B	14.1B	11.5B	20.0	226	138	62.8E	47.7A	25.0	39.7	26.8B	21.3B	24
25	16.2B	14.0B	11.4B	34.8	220	141	59.0E	45.5	24.4	39.3	26.5B	21.1B	25
26	16.1B	13.9B	11.4B	50.3	212	140	64.0E	43.5	24.0	39.3	26.3B	20.9B	26
27	16.0B	13.8B	11.2B	59.0	199	136	63.8E	41.2	23.5	39.4	26.0B	20.7B	27
28	16.0B	13.8B	11.2B	67.9	186	130	62.5E	40.1	23.8	39.2	25.8B	20.3B	28
29	16.0B		11.1B	89.5	173	123	63.5E	39.7	24.5	39.8	25.6B	20.0B	29
30	15.9B		11.0B	127	162	116	64.3E	38.8	24.4	40.2	25.3B	19.8B	30
31	15.8B		10.9B		158		63.5E	38.1		40.5		19.7B	31
TOTAL	537.9	412.7	381.5	691.8	6 133	4 646	2 158.1	1 988.6	866.8	1 065.3	936.9	706.4	TOTAL
MEAN	17.4	14.7	12.3	23.1	198	155	69.6	64.1	28.9	34.4	31.2	22.8	MEAN
MAX	20.3	15.7	13.6	127	262	184	109	92.1	37.6	40.5	40.4	25.0	MAX
MIN	15.8	13.8	10.9	10.2	155	116	52.6	38.1	23.5	24.4	25.3	19.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 56.2
MAXIMUM DAILY, 262 ON MAY 21
MINIMUM DAILY, 10.2B ON APR 6
MAXIMUM INSTANTANEOUS,
264 AT 15:56 CDT ON MAY 21

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 10 N
LONG 93 38 10 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	46 500	JUL	186 000
FEB	35 700	AUG	172 000
MAR	33 000	SEP	74 900
APR	59 800	OCT	92 000
MAY	530 000	NOV	80 900
JUN	401 000	DEC	61 000

TOTAL DISCHARGE, 1 770 000 dam³

BERRY CREEK AT THE OUTLET OF BERRY LAKE - STATION NO. 05PD026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.04	3.28E	2.79	3.22	17.0	11.0	1.04	6.60	1.98	1.60	5.85	2.81	1
2	3.32	3.25E	2.76	3.54	16.2	9.07	4.55	6.72	1.91	1.87	4.90	2.91	2
3	3.39A	3.21E	2.74	3.99	15.6	8.63	8.70	7.19	1.88	1.91	4.87	2.94	3
4	3.45A	3.17E	2.72	3.96	15.3	8.70	9.06	7.19	1.78	1.90	4.58	2.92	4
5	3.45E	3.13E	2.66	3.98	15.1	10.3	10.5	7.22	1.70	1.92	4.23	2.93	5
6	3.46E	3.09E	2.63	3.98	14.7	10.9	12.2	7.09	1.58	2.09	3.93	2.81	6
7	3.46E	3.05E	2.55	3.98	14.1	12.4	13.0	6.97	1.41	3.10	3.74	2.79	7
8	3.47E	3.01E	2.51	3.92	13.8	14.1	13.0	6.71	1.41	3.22	3.60	2.79	8
9	3.48E	2.97A	2.49	3.88	13.3	16.3	14.8	6.25	1.48	3.69	3.41	2.70	9
10	3.48E	2.86	2.44	3.88	13.1	15.0 A	14.9	5.90	1.46	4.98	3.23	2.69	10
11	3.49E	2.79	2.44	3.79	13.0	13.4 A	14.0	5.61	1.48	5.86	3.32	2.56	11
12	3.50A	2.74	2.53	3.75	12.7	12.5 E	13.3	2.63	1.49	6.27	3.45	2.46	12
13	3.39	2.68	2.77	3.72	12.5	11.6 E	13.7	0.725	1.49	6.53	2.98	2.44	13
14	3.37	2.69	2.76	3.74	12.4	6.50 E	13.4	1.15	1.40	6.89	2.88	2.45	14
15	3.34	2.67	2.75	4.03	12.3	2.50 E	12.7	1.79	1.14	6.94	2.71	2.33	15
16	3.28	2.66	2.74	5.25	12.2	2.50 E	12.2	1.90	1.11	6.78	2.68	2.26	16
17	3.29	2.90	2.79	6.76	12.6	2.50 E	12.1	1.99	1.12	6.79	2.62	2.29	17
18	3.31	2.97	2.85	8.20	14.0	2.50 E	11.7	2.52	0.948	6.98	2.52	2.31	18
19	3.31	2.97	2.88	9.34	14.9	12.5 E	11.2	2.89	0.999	6.83	2.55	2.29	19
20	3.35	2.94	2.85	10.3	15.3	11.7 E	10.8	2.82	0.899	6.69	2.96	2.30	20
21	3.22	2.96	2.78	11.2	15.4	6.00 A	10.6	2.95	0.839	6.39	3.26	2.38	21
22	3.26	2.92	2.75	12.0	15.3	10.7 A	10.0	3.13	0.832	6.26	3.27	2.43	22
23	3.56	2.84	2.78	12.9	15.1	10.1 E	9.61	3.17	1.07	6.04	3.23	2.53	23
24	3.60	2.79	2.88	13.9	14.9	9.50 E	9.85	3.04	1.11	5.87	3.17	2.59	24
25	3.55	2.76	2.90	15.1	14.5	8.90 E	9.49	2.92	0.966	5.80	3.11	2.54	25
26	3.52E	2.72	2.84	16.0	14.3	8.30 E	8.23	2.63	0.931	5.70	3.08	2.54	26
27	3.48E	2.71	2.80	19.3	13.8	7.70 E	7.11	2.33	1.08	5.62	2.99	2.53	27
28	3.44E	2.76	2.74	20.0	13.3	0.600E	7.13	2.11	1.66	5.60	2.93	2.57	28
29	3.40E		2.71	18.7	12.9	0.550A	7.12	2.09	1.80	5.45	2.87	2.52	29
30	3.36E		2.90	17.7	12.4	0.748	7.06	1.95	1.65	5.29	2.84	2.53	30
31	3.32E		3.20		12.4		6.85	1.92		5.14		2.57	31
TOTAL	105.34	81.49	84.93	254.81	434.4	258.698	319.90	120.105	40.484	156.00	100.92	79.71	TOTAL
MEAN	3.40	2.91	2.74	8.47	14.0	8.62	10.3	3.87	1.35	5.03	3.36	2.57	MEAN
MAX	3.60	3.28	3.20	20.0	17.0	16.3	14.9	7.22	1.98	6.98	5.85	2.94	MAX
MIN	3.04	2.66	2.44	3.22	12.2	0.550	1.04	0.725	0.832	1.60	2.52	2.26	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.58
MAXIMUM DAILY, 20.0 ON APR 28
MINIMUM DAILY, 0.550A ON JUN 29
MAXIMUM INSTANTANEOUS,
22.1 AT 10:11 CST ON APR 27

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 30 N
LONG 93 59 00 W
DRAINAGE AREA, 744 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1978

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 100	JUL	27 600
FEB	7 040	AUG	10 400
MAR	7 340	SEP	3 500
APR	21 900	OCT	13 500
MAY	37 500	NOV	8 720
JUN	22 400	DEC	6 890

TOTAL DISCHARGE, 176 000 dam³

BIG CARP RIVER NEAR SAULT STE. MARIE - STATION NO. 02BF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.251B	0.194B	0.169B	0.400B	7.67	0.220	0.087	0.041	0.960	0.390	0.558	0.850B	1
2	0.250B	0.192B	0.168B	0.580B	6.38	0.207	0.073	0.037	3.01	0.357	0.589	1.06	2
3	0.251B	0.191B	0.169B	0.940B	4.67	0.179	0.071	0.200	2.75	0.330	0.765	1.27	3
4	0.254B	0.190B	0.167B	1.10 B	3.52	0.171	0.069	0.233	1.35	0.296	1.10	1.22	4
5	0.253B	0.189B	0.167B	1.05 B	2.84	0.158	0.063	0.154	0.951	0.404	0.975	1.28	5
6	0.250B	0.188B	0.166B	1.02 B	2.38	0.151	0.060	0.140	0.851	0.358	1.09	6.25	6
7	0.248B	0.186B	0.166B	0.990B	1.93	0.133	0.064	0.140	0.569	0.517	0.993	3.21	7
8	0.245B	0.184B	0.165B	0.970B	1.48	0.142	0.054	0.138	0.410	1.19	1.31	1.80 B	8
9	0.241B	0.183B	0.165B	0.950B	1.20	0.129	0.049	0.157	0.337	1.00	1.16	1.50 B	9
10	0.237B	0.182B	0.164B	0.940B	1.56	0.319	0.049	0.180	0.275	1.19	1.11	1.22 B	10
11	0.233B	0.181B	0.164B	0.940B	2.57	0.272	0.070	0.089	0.217	1.99	1.76	1.06 B	11
12	0.232B	0.180B	0.164B	1.00 B	2.51	0.203	0.153	0.057	0.476	1.47	5.40	0.950B	12
13	0.230B	0.180B	0.200B	1.30 B	1.68	0.167	0.148	0.046	0.252	1.27	3.63	0.852B	13
14	0.228B	0.179B	0.260B	1.70 B	1.32	0.161	0.101	0.038	0.667	1.12	1.88	0.790B	14
15	0.225B	0.178B	0.320B	2.40 B	1.07	0.296	0.090	0.039	0.803	1.23	1.49	0.750B	15
16	0.222B	0.178B	0.350B	3.30 B	0.930	0.285	0.108	0.036	0.789	1.20	1.18	0.720B	16
17	0.221B	0.177B	0.348B	4.25 B	0.805	0.244	0.176	0.036	0.864	1.01	1.01	0.700B	17
18	0.220B	0.176B	0.330B	3.80 B	0.713	0.246	0.253	0.036	1.25	0.899	0.921	0.720B	18
19	0.218B	0.176B	0.318B	3.45 B	0.605	0.209	0.193	0.039	0.933	0.760	1.10	0.790B	19
20	0.215B	0.175B	0.305B	3.15 B	0.582	0.178	0.130	0.040	1.70	3.87	3.34	0.900B	20
21	0.213B	0.174B	0.300B	2.90 B	0.536	0.159	0.086	0.047	1.33	4.45	2.90	0.810B	21
22	0.210B	0.173B	0.295B	2.70 B	0.457	0.140	0.063	0.104	0.949	2.22	1.79	0.778B	22
23	0.208B	0.172B	0.295B	4.60 B	0.390	0.125	0.056	0.127	0.703	1.50	1.34	0.740B	23
24	0.206B	0.171B	0.300B	10.4	0.349	0.124	0.049	0.083	0.702	1.17	1.05	1.23 B	24
25	0.204B	0.171B	0.305B	13.3	0.304	0.235	0.052	0.069	1.42	0.985	0.880B	3.05 B	25
26	0.202B	0.170B	0.300B	15.4	0.277	0.192	0.050	0.072	1.16	0.855	0.810B	2.50 B	26
27	0.201B	0.170B	0.298B	8.48	0.253	0.148	0.040	0.120	0.880	0.769	0.785B	2.20 B	27
28	0.200B	0.169B	0.292B	7.10	0.240	0.122	0.036	0.108	0.674	0.712	0.765B	2.60 B	28
29	0.198B		0.291B	7.36	0.238	0.104	0.032	0.079	0.525	0.739	0.750B	2.00 B	29
30	0.197B		0.295B	7.79	0.227	0.113	0.037	0.090	0.447	0.692	0.735B	1.70 B	30
31	0.196B		0.320B		0.208		0.049	0.092		0.606		1.40 B	31
TOTAL	6.959	5.029	7.715	114.260	49.894	5.532	2.611	2.867	28.184	35.545	43.166	46.892	TOTAL
MEAN	0.224	0.180	0.249	3.81	1.61	0.184	0.084	0.092	0.939	1.15	1.44	1.51	MEAN
MAX	0.254	0.194	0.350	15.4	7.67	0.319	0.253	0.233	3.01	4.45	5.40	6.25	MAX
MIN	0.196	0.169	0.164	0.400	0.208	0.104	0.032	0.036	0.217	0.296	0.558	0.700	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.955
MAXIMUM DAILY, 15.4 ON APR 26
MINIMUM DAILY, 0.032 ON JUL 29
MAXIMUM INSTANTANEOUS,
17.0 AT 09:03 EST ON APR 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 02 N
LONG 84 27 52 W
DRAINAGE AREA, 51.5 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	691	JUL	226
FEB	435	AUG	248
MAR	667	SEP	2 440
APR	9 870	OCT	3 070
MAY	4 310	NOV	3 730
JUN	478	DEC	4 050

TOTAL DISCHARGE, 30 100 dam³

BIG CREEK NEAR DELNI - STATION NO. 02GC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.03	2.30B	1.90B	38.7	3.91	8.98	4.47	1.47	1.84	3.33	2.62	6.62	1
2	2.93	2.22B	1.90	36.7	3.73	7.95	4.92	1.82	2.20	2.93	4.42	7.62	2
3	2.82	2.15B	1.97B	22.0	3.60	6.56	4.19	1.73	2.42	2.68	4.96	7.21	3
4	4.47	2.10B	2.05B	19.6	3.39	6.00	3.69	1.60	1.99	2.52	5.25	7.03	4
5	6.41	2.05B	2.05B	19.5	3.19	6.10	3.35	1.61	1.81	2.39	5.34	7.17	5
6	5.60	2.00B	2.00B	13.3	3.02	8.36	3.04	1.53	1.71	2.26	5.01	8.98	6
7	6.07	1.97B	1.94	10.6	2.97	8.24	2.89	1.41	1.67	2.46	4.94	9.99	7
8	5.40B	1.95B	2.00B	9.96	3.58	9.55	2.71	1.81	1.58	2.76	4.80	12.7	8
9	4.90B	1.93B	2.01	9.89	3.56	8.90	2.41	2.09	1.49	2.58	4.33	9.65	9
10	4.40B	1.93B	2.03B	10.1	3.32	6.96	2.22	1.75	1.50	2.41	3.93	7.57	10
11	4.10B	1.93B	2.20B	10.4	3.20	5.73	2.05	1.61	1.51	2.39	4.27	6.50	11
12	3.80B	1.93B	3.00B	10.4	3.04	5.26	1.94	1.62	1.44	2.33	5.00	5.73	12
13	3.55B	1.97B	15.1	10.2	2.85	5.46	1.31	1.59	1.41	2.34	5.05	5.09	13
14	3.35B	2.03B	25.9	10.1	2.71	5.06	0.939	1.46	1.43	2.30	4.85	4.82	14
15	3.15B	2.17B	24.5	9.90	2.53	4.44	1.03	1.36	1.52	2.22	4.99	4.86	15
16	3.00B	2.20B	36.0	9.19	2.47	4.93	0.840	1.28	1.48	2.18	4.90	6.44	16
17	2.85B	2.18B	37.0	8.97	2.40	5.06	0.765	1.21	1.46	2.13	4.50	6.89	17
18	2.75B	2.10B	28.0	8.79	2.27	5.11	0.871	1.08	1.77	2.11	4.22	6.35	18
19	2.65B	2.09	25.7	9.07	2.25	5.14	0.713	1.03	1.63	2.00	4.02	7.38	19
20	2.57B	2.02	21.5	8.75	2.47	4.93	0.511	1.02	1.56	2.11	4.05	6.71	20
21	2.50B	2.02	21.4	8.44	2.44	5.82	0.408	0.859	1.59	2.18	5.50	5.79	21
22	2.40B	1.99	20.7	7.72	2.16	6.40	0.415	0.867	2.06	2.06	6.66	5.23	22
23	3.00B	1.98	19.9	7.46	2.07	6.42	0.235	1.07	3.40	2.06	6.59	5.10	23
24	2.80B	1.94	23.0	6.68	2.12	5.60	0.246	1.07	2.65	1.96	8.85	6.43	24
25	2.65B	1.93B	24.3	5.88	2.13	4.85	0.249	2.69	2.78	1.99	8.17	11.2	25
26	2.50B	1.90B	19.9	5.45	2.04	5.55	0.161	2.45	2.55	1.94	7.43	16.7	26
27	2.40B	1.90B	15.2	4.99	2.47	4.87	0.754	2.60	3.44	1.92	7.10	25.7	27
28	2.30B	1.90B	11.8	4.55	8.24	4.27	2.04	2.71	3.47	1.94	6.22	18.2	28
29	2.22B		10.4	4.33	8.38	4.63	1.67	2.51	3.16	1.94	6.52	13.8	29
30	2.15B		10.4	4.08	10.6	4.59	1.48	2.22	3.05	1.92	6.77	12.3	30
31	2.22B		19.1		11.5		1.80	2.04		1.97		10.1	31
TOTAL	104.94	56.78	434.85	345.70	114.61	181.72	54.297	51.166	61.67	70.27	161.26	275.87	TOTAL
MEAN	3.39	2.03	14.0	11.5	3.70	6.06	1.75	1.65	2.06	2.27	5.38	8.90	MEAN
MAX	6.41	2.30	37.0	38.7	11.5	9.55	4.92	2.71	3.47	3.33	8.85	25.7	MAX
MIN	2.15	1.90	1.90	4.08	2.04	4.27	0.161	0.859	1.41	1.92	2.62	4.82	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.24
MAXIMUM DAILY, 38.7 ON APR 1
MINIMUM DAILY, 0.161 ON JUL 26
MAXIMUM INSTANTANEOUS,
49.5 AT 18:42 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 50 15 N
LONG 80 30 36 W
DRAINAGE AREA, 363 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 070	JUL	4 690
FEB	4 910	AUG	4 420
MAR	37 600	SEP	5 330
APR	29 900	OCT	6 070
MAY	9 900	NOV	13 900
JUN	15 700	DEC	23 800

TOTAL DISCHARGE, 165 000 dam³

BIG CREEK NEAR WALSINGHAM - STATION NO. 02GC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.92	3.68B	3.42B	27.5	7.04	14.4	7.43	3.50	3.27	4.75	4.59	9.85	1
2	5.05	3.70B	3.45B	41.8	6.88	13.0	7.25	3.55	3.28	4.82	7.64	9.73	2
3	4.82	3.69B	3.49B	37.5	6.66	10.6	7.14	3.88	3.42	4.59	8.71	11.0	3
4	7.32	3.65B	3.52B	29.3	6.46	9.10	6.61	3.60	3.45	4.35	9.40	10.8	4
5	10.8	3.62B	3.57B	25.0	6.25	9.07	6.32	3.56	3.21	4.19	8.99	10.8	5
6	8.76	3.60B	3.59B	23.1	6.01	13.3	5.86	3.45	3.10	4.09	7.74	13.5	6
7	7.68B	3.57B	3.57B	17.3	5.94	13.3	5.58	3.35	3.06	4.06	7.13	13.7	7
8	7.10B	3.55B	3.56B	14.8	6.42	12.1	5.34	3.67	3.00	4.56	6.96	14.6	8
9	6.65B	3.54B	3.55B	14.4	6.89	12.6	5.05	4.37	2.96	4.58	6.68	15.5	9
10	6.30B	3.53B	3.70B	14.7	6.41	10.8	4.79	3.92	2.94	4.39	6.19	12.3	10
11	6.00B	3.52B	4.40B	15.1	6.15	9.88	4.56	3.57	2.97	4.29	6.43	10.4	11
12	5.70B	3.51B	12.2	15.4	5.96	7.94	4.47	3.41	2.93	4.28	7.83	9.14	12
13	5.50B	3.57B	21.7	15.3	5.77	7.71	4.26	3.39	2.88	4.18	7.89	8.17	13
14	5.25B	3.65B	59.2	15.0	5.54	7.64	3.66	3.37	2.86	4.13	7.33	7.71	14
15	5.07B	3.70B	46.1	14.0	5.35	7.13	3.40	3.28	2.86	4.13	7.00	7.79	15
16	4.93B	3.80B	37.2	13.5	5.25	7.53	3.33	3.23	2.93	4.13	6.97	11.6	16
17	4.75B	3.78B	40.8	13.3	5.16	7.68	3.10	3.10	2.95	4.11	6.78	12.1	17
18	4.60B	3.70B	42.5	13.4	4.98	7.66	3.04	2.95	3.06	4.09	6.53	10.2	18
19	4.40B	3.65B	37.2	12.5	4.80	7.65	3.05	2.75	3.24	4.06	6.17	10.0	19
20	4.25B	3.60B	33.8	13.0	4.90	7.64	2.67	2.57	3.13	4.07	6.15	11.2	20
21	4.15B	3.58B	31.1	15.0	4.99	11.9	2.33	2.71	3.09	4.31	8.58	10.1	21
22	4.05B	3.56B	29.5	12.8	5.25	11.6	2.20	2.87	3.33	4.21	10.8	8.92	22
23	4.20B	3.54B	28.6	11.4	5.06	11.9	2.08	2.80	5.67	4.06	9.87	8.53	23
24	4.80B	3.52B	27.6	10.6	4.88	9.78	1.92	2.67	5.44	4.02	11.5	11.7	24
25	4.40B	3.50B	28.7	9.65	4.78	8.31	1.92	3.10	4.92	3.98	12.5	16.9	25
26	4.10B	3.49B	30.2	8.97	4.67	8.23	2.03	3.73	4.76	3.99	10.9	22.8	26
27	4.00B	3.45B	25.7	8.52	5.09	8.67	1.96	3.46	5.12	3.98	10.3	24.5	27
28	3.85B	3.43B	19.3	7.92	15.8	7.65	3.84	3.49	5.67	3.97	9.54	29.6	28
29	3.77B		15.4	7.56	17.3	8.63	3.72	3.49	5.20	3.99	10.3	29.6	29
30	3.70B		14.0	7.27	12.5	8.43	3.39	3.47	5.00	4.05	10.4	21.8	30
31	3.67B		19.6		14.4		3.43	3.38		4.05		17.6	31
TOTAL	164.54	100.68	640.62	485.59	213.54	290.95	125.33	103.64	109.70	130.46	247.80	422.14	TOTAL
MEAN	5.31	3.60	20.7	16.2	6.89	9.70	4.04	3.34	3.66	4.21	8.26	13.6	MEAN
MAX	10.8	3.80	59.2	41.8	17.3	14.4	7.43	4.37	5.67	4.82	12.5	29.6	MAX
MIN	3.67	3.43	3.42	7.27	4.67	7.13	1.92	2.57	2.86	3.97	4.59	7.71	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.32
MAXIMUM DAILY, 59.2 ON MAR 14
MINIMUM DAILY, 1.92 ON JUL 24
MAXIMUM INSTANTANEOUS,
62.9 AT 09:55 EST ON MAR 14

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 41 05 N
LONG 80 32 15 W
DRAINAGE AREA, 591 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 280	JUL	10 800
FEB	8 700	AUG	8 950
MAR	55 380	SEP	9 480
APR	42 000	OCT	11 380
MAY	18 400	NOV	21 400
JUN	25 100	DEC	36 500

TOTAL DISCHARGE, 262 000 dam³

BIG OTTER CREEK ABOVE OTTERVILLE - STATION NO. 02GC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.564	0.353	0.396	13.0	0.763	2.05	0.830E	0.210	0.247	0.390	0.316	2.29	1
2	0.695	0.356	0.388	7.26	0.729	2.46	0.732E	0.208	0.279	0.348	0.637	1.72	2
3	0.690	0.363	0.366	6.76	0.697	1.67	0.688E	0.262	0.255	0.307	0.889	1.48	3
4	1.41	0.370	0.374	7.92	0.653	1.21	0.691E	0.265	0.237	0.298	1.13	1.60	4
5	3.74	0.367	0.411	3.87	0.640	1.17	0.700E	0.262	0.236	0.280	1.32	2.05	5
6	2.67	0.363	0.408	3.07	0.614	3.74	0.680E	0.237	0.230	0.269	0.982	5.69	6
7	1.70	0.347	0.408	2.57	0.597	3.91	0.641E	0.208	0.223	0.271	0.726	5.28	7
8	1.14	0.343	0.375	2.35	0.724	2.42	0.623E	0.290	0.214	0.365	0.620	2.70	8
9	1.04	0.353	0.386	2.92	0.836	1.69	0.609E	0.300	0.209	0.328	0.636	1.95	9
10	0.805	0.351	0.374	3.28	0.725	1.31	0.586E	0.270	0.203	0.314	0.594	1.51	10
11	0.632	0.345	0.439	2.82	0.657	1.19	0.581E	0.234	0.201	0.311	0.674	1.27	11
12	0.555	0.341	0.647	2.99	0.685	0.971	0.589E	0.234	0.194	0.314	1.06	1.06	12
13	0.536	0.338	2.31	3.30	0.660	0.860	0.496E	0.223	0.192	0.306	1.42	0.904	13
14	0.533	0.340	10.7	3.47	0.716	0.803	0.483E	0.214	0.191	0.291	1.14	0.832	14
15	0.518	0.354	14.6	2.61	0.678	0.718	0.435E	0.208	0.199	0.290	0.897	0.816	15
16	0.485	0.375	11.7	2.22	0.596	1.77	0.344E	0.201	0.203	0.304	0.751	2.02	16
17	0.438	0.381	11.1	3.02	0.578	1.59	0.356E	0.196	0.220	0.285	0.679	3.32	17
18	0.401	0.387	9.39	3.40	0.535	1.07	0.366E	0.185	0.234	0.260	0.648	1.75	18
19	0.413	0.386	7.78	2.29	0.514	0.895	0.380E	0.175	0.234	0.258	0.671	1.28	19
20	0.406	0.392	6.95	2.03	0.597	0.865	0.390E	0.187	0.205	0.270	0.685	1.17	20
21	0.404	0.397	8.10	2.82	0.609	1.01	0.396E	0.192	0.217	0.351	1.51	1.04	21
22	0.390	0.402	7.00	2.17	0.545	1.25	0.401E	0.202	0.230	0.333	4.11	0.967	22
23	0.410	0.400	9.20	1.65	0.538	1.50	0.387E	0.224	0.333	0.327	2.67	0.960	23
24	0.427	0.390	9.60	1.39	0.537	1.07 E	0.377E	0.674	0.331	0.313	2.66	1.70	24
25	0.423	0.391	8.33	1.22	0.516	0.879E	0.431E	0.703	0.409	0.299	2.52	6.93	25
26	0.415	0.388	5.44	1.10	0.478	0.825E	0.388E	0.421	0.421	0.290	1.68	10.7	26
27	0.406	0.382	3.69	1.01	0.513	0.827E	0.305E	0.300	0.556	0.283	1.32	5.75	27
28	0.388	0.387	2.86	0.916	4.49	0.787E	0.305E	0.262	0.673	0.293	1.16	4.64	28
29	0.383		2.58	0.834	5.74	0.757E	0.317E	0.246	0.593	0.287	1.70	4.52	29
30	0.377		3.73	0.792	2.76	0.944E	0.254E	0.244	0.460	0.284	3.12	2.65	30
31	0.366		16.5		2.51		0.223	0.241		0.287		1.82	31
TOTAL	23.760	10.342	156.532	95.052	32.430	42.161	14.944	8.258	8.629	9.406	38.929	82.369	TOTAL
MEAN	0.766	0.369	5.05	3.17	1.05	1.41	0.482	0.266	0.288	0.303	1.30	2.66	MEAN
MAX	3.74	0.402	16.5	13.0	5.74	3.91	0.830	0.703	0.673	0.390	4.11	10.7	MAX
MIN	0.366	0.338	0.366	0.792	0.478	0.718	0.223	0.175	0.191	0.258	0.316	0.816	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.43
MAXIMUM DAILY, 16.5 ON MAR 31
MINIMUM DAILY, 0.175 ON AUG 19
MAXIMUM INSTANTANEOUS,
30.7 AT 14:29 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 57 55 N
LONG 80 32 35 W
DRAINAGE AREA, 93.2 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 050	JUL	1 290
FEB	894	AUG	713
MAR	13 500	SEP	746
APR	8 210	OCT	813
MAY	2 800	NOV	3 360
JUN	3 640	DEC	7 120

TOTAL DISCHARGE, 45 100 dam³

BIG OTTER CREEK AT TILLSONBURG - STATION NO. 02GC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.37	1.67B	1.35B	49.2	2.52	8.56	2.63	1.13	1.09	1.51	1.78	8.98	1
2	3.28	1.60B	1.33	23.8	2.39	8.43	2.27	1.45	1.17	1.40	2.95	6.90	2
3	3.01	1.57B	1.38B	21.5	2.30	6.36	2.02	1.28	1.28	1.38	3.28	5.89	3
4	7.75	1.55	1.46B	23.3	2.19	4.56	2.06	1.23	1.16	1.26	4.30	6.66	4
5	15.1	1.52	1.46B	14.0	2.10	4.37	2.04	1.19	1.13	1.20	4.66	8.93	5
6	10.8	1.49B	1.44B	9.98	2.05	11.1	1.88	1.16	1.10	1.18	3.78	24.5	6
7	7.42	1.48B	1.40B	8.00	2.04	12.1	1.76	1.11	1.12	1.35	2.81	19.7	7
8	4.60B	1.47B	1.37B	7.69	2.51	8.81	1.66	1.39	1.08	1.54	2.34	12.3	8
9	4.00B	1.46B	1.36	9.23	2.48	6.27	1.54	1.46	1.02	1.37	2.06	8.15	9
10	3.30B	1.45B	1.61	10.6	2.35	4.70	1.34	1.25	0.989	1.31	1.99	6.34	10
11	2.85B	1.46	2.12	9.62	2.13	3.79	1.35	1.18	0.996	1.35	2.58	5.13	11
12	2.60B	1.48	3.22	9.67	1.95	3.19	1.34	1.14	1.00	1.28	3.78	4.23	12
13	2.44	1.46	21.8	11.9	1.97	2.81	1.23	1.11	1.01	1.27	5.10	3.87	13
14	2.21	1.50	47.9	12.0	1.90	2.64	1.16	1.09	0.958	1.38	4.54	3.31	14
15	2.09	1.60	45.1	9.41	1.89	2.59	1.06	1.05	0.987	1.27	3.55	3.17	15
16	2.06	1.64	44.8	7.93	1.85	5.44	0.981	1.06	0.992	1.23	2.95	8.02	16
17	1.97B	1.62	47.5	9.38	1.77	5.76	0.783	1.03	1.00	1.26	2.59	11.8	17
18	1.91B	1.45	36.2	10.8	1.65	4.06	0.810	0.993	1.20	1.26	2.35	7.66	18
19	1.75	1.50	27.2	8.14	1.72	3.48	0.981	0.999	1.08	1.20	2.21	5.40	19
20	1.70	1.48	22.8	6.92	1.94	3.19	0.801	0.944	1.07	1.31	2.47	4.71	20
21	1.70	1.52	24.6	9.13	1.77	4.47	0.733	0.862	1.07	1.30	7.82	4.23	21
22	1.58	1.50	22.4	7.64	1.67	5.34	0.671	0.868	1.30	1.24	16.5	3.77	22
23	1.99	1.49	23.9	5.73	1.62	5.47	0.749	0.902	1.57	1.22	11.6	3.69	23
24	2.00	1.46B	25.5	4.67	1.61	4.32	0.609	1.00	1.46	1.22	11.0	9.49	24
25	1.86	1.44B	22.8	3.92	1.59	3.21	0.597	1.89	1.73	1.24	9.36	31.4	25
26	1.79	1.42B	17.5	3.58	1.59	3.58	0.651	1.63	1.72	1.21	6.61	42.5	26
27	1.66	1.40B	12.1	3.28	2.10	3.13	0.912	1.57	2.09	1.22	5.00	25.2	27
28	1.64	1.38B	9.13	3.00	13.5	2.84	1.22	1.29	2.10	1.21	4.31	19.4	28
29	1.58		8.13	2.74	16.9	3.09	1.06	1.18	1.87	1.22	7.36	16.9	29
30	1.59		10.3	2.59	10.6	2.96	1.05	1.22	1.71	1.25	11.4	11.2	30
31	1.70B		37.6		8.27		1.31	1.13		1.25		7.39	31
TOTAL	102.30	42.06	526.76	319.35	102.92	150.63	39.138	36.788	38.052	39.79	152.99	340.82	TOTAL
MEAN	3.30	1.50	17.0	10.6	3.32	5.02	1.26	1.19	1.27	1.28	5.10	11.0	MEAN
MAX	15.1	1.67	47.9	49.2	16.9	12.1	2.63	1.89	2.10	1.54	16.5	42.5	MAX
MIN	1.58	1.38	1.33	2.59	1.59	2.59	0.597	0.862	0.958	1.18	1.78	3.17	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.18
MAXIMUM DAILY, 49.2 ON APR 1
MINIMUM DAILY, 0.597 ON JUL 25
MAXIMUM INSTANTANEOUS,
56.7 AT 09:00 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 51 40 N
LONG 80 43 10 W
DRAINAGE AREA, 342 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 840	JUL	3 380
FEB	3 630	AUG	3 180
MAR	45 500	SEP	3 290
APR	27 600	OCT	3 440
MAY	8 890	NOV	13 200
JUN	13 000	DEC	29 400

TOTAL DISCHARGE, 163 000 dam³

BIG OTTER CREEK NEAR CALTON - STATION NO. 03OC026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.21	3.70B	3.55B	78.9	5.50	16.8	7.22	3.34	3.07	4.11	2.59	19.7	1
2	6.44	3.67B	3.55B	70.8	5.33	18.7	6.06	3.85	3.10	3.83	7.89	14.8	2
3	7.31	3.64B	3.60B	43.0	5.14	13.9	5.24	4.25	3.10	3.65	8.91	13.2	3
4	13.2	3.62B	3.67B	47.5	4.92	10.2	5.08	3.31	3.07	3.60	8.88	15.0	4
5	27.4	3.60B	3.78B	34.5	4.73	9.32	5.18	3.30A	3.03	3.44	9.20	17.9	5
6	23.7	3.60B	3.80B	23.9	4.61	18.6	4.85	3.23E	3.04	3.31	7.40	44.8	6
7	16.5	3.60B	3.77B	17.5	4.53	24.0	4.78	3.18E	3.06	3.42	6.68	43.5	7
8	10.4 B	3.60B	3.74B	17.1	5.24	19.9	4.41	3.15E	3.04	3.99	6.12	29.1	8
9	8.00B	3.60B	3.72B	14.7	5.59	15.6	4.08	3.35E	2.98	3.91	5.72	19.1	9
10	6.80B	3.60B	3.70B	22.4	5.17	10.1	3.84	4.50E	2.89	3.59	5.73	14.0	10
11	6.00B	3.60B	4.00B	21.6	4.89	7.32	3.66	3.80E	2.87	3.56	6.77	11.4	11
12	5.60B	3.60B	10.0 B	21.8	4.65	6.30	3.95	3.19A	2.85	3.54	12.4	9.42	12
13	5.30B	3.60B	40.0 B	23.4	4.44	5.67	3.63	3.09	2.84	3.46	13.8	7.96	13
14	5.00B	3.60B	110 B	25.2	4.35	5.29A	3.41	3.01	2.83E	3.50	11.4	7.50B	14
15	4.75B	3.70B	96.2 B	20.8	4.15	5.20E	3.31	2.93	2.82E	3.50	8.90	7.24	15
16	4.55B	4.00B	110 B	17.0	4.08	5.10E	3.16	2.92	2.80E	3.50	7.01	18.3	16
17	4.35B	3.97B	129	17.7	4.04	5.60E	3.10	2.89	2.81E	3.44	6.09	25.4	17
18	4.22B	3.90B	94.9	21.3	3.93	18.0 E	3.08	2.79	3.00E	3.41	5.67	18.4	18
19	4.10B	3.85B	63.7	18.3	3.86	15.0 E	2.82	2.78	3.50E	3.38	5.37	13.3	19
20	4.00B	3.78B	51.4	14.7	4.10	12.0 E	3.00	2.85	3.30E	3.40	6.03	11.9	20
21	3.98B	3.70B	52.1	16.9	4.06	11.0 E	3.09	2.68	3.20E	3.65	21.4	10.9	21
22	3.80B	3.63B	48.0	16.6	3.89	13.5 E	3.09	2.62	3.80E	3.49	35.1	9.32	22
23	3.90B	3.60B	47.9	12.7	3.91	17.5 E	3.08	2.68	5.39	3.40E	27.5	9.19	23
24	4.40B	3.59B	49.6	10.2	3.98	15.2 A	3.11	2.80	4.38	3.40E	25.3	26.1	24
25	4.20B	3.58B	47.5	8.68	4.04	7.64	3.17	3.79	4.88	3.40E	21.4	48.9	25
26	4.05B	3.57B	39.1	7.58	4.08	7.92	3.17	4.88	4.78	3.39E	15.7	71.6	26
27	4.00B	3.56B	29.1	6.97	4.67	9.29	3.20	3.59	5.68	3.39E	11.9	64.7	27
28	3.90B	3.55B	20.7	6.37	23.5	7.17	3.30E	3.44	6.43	3.40E	9.95	45.1	28
29	3.83B		17.6	5.99	36.7	12.2	3.80E	3.19	5.16	3.41E	16.4	38.4	29
30	3.78B		19.7	5.69	23.7	9.77	3.37	3.10	4.45	3.46E	22.4	27.5	30
31	3.73B		53.4		15.2		3.60	3.10		3.50E		18.7	31
TOTAL	217.32	102.69	1 170.78	673.78	220.98	353.79	119.74	100.78	108.07	109.43	359.61	731.53	TOTAL
MEAN	7.01	3.67	37.8	22.5	7.13	11.8	3.86	3.25	3.60	3.53	12.0	23.6	MEAN
MAX	27.4	4.00	129	78.9	36.7	24.0	7.22	4.50	6.43	4.11	35.1	71.6	MAX
MIN	3.73	3.55	3.55	5.69	3.86	5.10	2.82	2.62	2.80	3.31	2.59	7.24	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.7
MAXIMUM DAILY, 129 ON MAR 17
MINIMUM DAILY, 2.59 ON NOV 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 42 30 N
LONG 80 50 20 W
DRAINAGE AREA, 676 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 800	JUL	10 300
FEB	8 870	AUG	8 710
MAR	101 000	SEP	9 340
APR	58 200	OCT	9 450
MAY	19 100	NOV	31 100
JUN	30 600	DEC	63 200

TOTAL DISCHARGE, 369 000 dam³

BIG TROUT LAKE AT TROUT LAKE - STATION NO. 04CE001

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	214.251	214.504	214.537	214.555	214.363	214.348	---	1
2	---	---	---	---	---	214.254	214.504	214.514	---	214.373	214.328	---	2
3	---	---	---	---	---	214.271	214.501	214.512	214.555	214.383	214.328	---	3
4	---	---	---	---	---	214.281	214.494	214.512	214.560	214.363	214.328	---	4
5	---	---	---	---	---	214.276	214.505	214.507	214.565	214.388	---	---	5
6	---	---	---	---	---	214.272	214.509	214.522	214.565	214.388	---	---	6
7	---	---	---	---	---	214.282	214.519	214.518	---	214.373	---	---	7
8	---	---	---	---	---	214.284	214.529	214.537	214.539	214.378	---	---	8
9	---	---	---	---	---	214.282	214.507	214.532	214.529	214.383	---	---	9
10	---	---	---	---	---	214.292	214.502	214.537	214.529	---	---	---	10
11	---	---	---	---	---	214.321	214.498	214.532	214.529	---	---	---	11
12	---	---	---	---	---	214.325	214.488	214.531	214.519	214.378	---	---	12
13	---	---	---	---	---	214.347	214.496	214.539	214.499	214.378	---	---	13
14	---	---	---	---	---	214.358	214.497	---	214.494	214.378	---	---	14
15	---	---	---	---	---	214.375	214.487	214.541	---	214.373	---	---	15
16	---	---	---	---	---	214.391	214.479	214.551	214.489	---	---	---	16
17	---	---	---	---	---	214.406	214.509	214.546	214.489	214.363	---	---	17
18	---	---	---	---	---	214.422	214.529	---	---	214.368	---	---	18
19	214.108	---	---	---	---	214.424	214.527	214.563	---	214.373	---	---	19
20	---	---	---	---	---	214.434	214.519	214.579	214.438	214.373	---	---	20
21	---	---	---	---	---	214.456	214.524	214.573	214.438	214.368	---	---	21
22	---	---	---	---	---	214.464	214.518	214.576	214.438	214.358	---	---	22
23	---	---	---	---	214.223	214.470	214.518	214.583	214.418	214.368	---	---	23
24	---	---	---	---	214.231	214.475	214.520	214.563	214.418	214.358	---	---	24
25	---	---	---	---	214.245	214.490	214.535	214.580	214.408	214.353	---	---	25
26	---	---	---	---	214.250	214.507	214.520	214.570	214.413	214.353	---	---	26
27	---	---	---	---	214.245	214.525	214.520	214.570	214.383	214.348	---	---	27
28	---	---	213.937	---	214.250	214.507	214.531	214.575	214.368	214.348	---	---	28
29	---		---	---	214.245	214.511	214.521	214.570	214.368	214.348	---	---	29
30	---		---	---	214.255	214.508	214.517	---	214.373	214.358	---	---	30
31	---		---		214.251		214.521	214.555		214.358		---	31
MEAN	---	---	---	---	---	214.382	214.511	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	214.525	214.535	---	---	---	---	---	MAX
MIN	---	---	---	---	---	214.251	214.479	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 214.583 ON AUG 23

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 49 00 N
LONG 89 54 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

BIG TURKEY LAKE (OUTFLOW A) ABOVE BATCHAWANA RIVER - STATION NO. 02BF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.122B	0.090B	0.049B	0.188B	2.31	0.115E	0.029E	0.018	0.032	0.191	0.327	0.336	1
2	0.118B	0.090B	0.052B	0.260B	2.61	0.094E	0.026E	0.018	0.083	0.179	0.309	0.334	2
3	0.112B	0.092B	0.054B	0.380B	2.46	0.080E	0.024E	0.021	0.159	0.229	0.316	0.368	3
4	0.117B	0.089B	0.053B	0.508B	2.35	0.068	0.024E	0.027	0.131	0.321	0.352	0.369	4
5	0.113B	0.087B	0.052B	0.518B	2.25	0.060	0.024E	0.024	0.104	0.305	0.366	0.363	5
6	0.108B	0.087B	0.050B	0.414B	2.12	0.066	0.024E	0.023	0.090	0.246	0.367	0.438	6
7	0.108B	0.089B	0.049B	0.494B	1.94	0.070	0.023E	0.023	0.079	0.587	0.366	0.431	7
8	0.107B	0.094B	0.048B	0.440B	1.62	0.085	0.023E	0.025	0.068	0.638	0.377	0.416	8
9	0.105B	0.090B	0.047B	0.370B	1.35	0.103	0.024E	0.027	0.059	0.611	0.360	0.405	9
10	0.107B	0.088B	0.046B	0.330B	1.18	0.115E	0.035E	0.026	0.058	0.617	0.343	0.410	10
11	0.109B	0.086B	0.045B	0.295B	1.09	0.100E	0.048E	0.024	0.055	0.652	0.327	0.395	11
12	0.107B	0.088B	0.047B	0.280B	0.964	0.084E	0.054E	0.020	0.050	0.650	1.23	0.373	12
13	0.103B	0.086B	0.050B	0.269B	0.837	0.076E	0.058E	0.018	0.090	0.642	0.940	0.360	13
14	0.099B	0.083B	0.048B	0.260B	0.763	0.070E	0.056E	0.016	0.306	0.632	0.937	0.334	14
15	0.096B	0.082B	0.093B	0.255B	0.676	0.075E	0.052E	0.014	0.243	0.619	0.900	0.315	15
16	0.101B	0.080B	0.097B	0.437	0.593	0.080E	0.074E	0.013	0.253	0.562	0.778	0.297	16
17	0.101B	0.077B	0.098B	0.737	0.525	0.073E	0.072E	0.013	0.246	0.506	0.653	0.270	17
18	0.098B	0.074B	0.098B	0.607	0.487	0.065E	0.069E	0.012	0.293	0.470	0.578	0.274	18
19	0.095B	0.071B	0.097B	0.591	0.421	0.057E	0.066E	0.010	0.275	0.439	0.548	0.315	19
20	0.093B	0.073	0.092B	0.608	0.401	0.051E	0.057E	0.010	0.316	2.22	0.828	0.314	20
21	0.091B	0.068	0.088B	0.590	0.341	0.046E	0.048E	0.011	0.298	2.41	0.838	0.281	21
22	0.089B	0.062	0.085B	0.577	0.298	0.042E	0.043E	0.016	0.274	2.08	0.765	0.257	22
23	0.092B	0.061	0.083B	0.735	0.256	0.040E	0.040	0.019	0.266	1.48	0.733	0.242	23
24	0.091B	0.060B	0.088B	1.20	0.221	0.042	0.037	0.023	0.253	1.05	0.667	0.272	24
25	0.089B	0.058B	0.096B	1.67	0.209	0.044	0.034	0.021	0.275	0.817	0.613	0.359	25
26	0.086B	0.051B	0.099B	2.18	0.186	0.042	0.030	0.021	0.268	0.669	0.545	0.405	26
27	0.083B	0.049B	0.097B	2.08	0.165	0.040	0.027	0.026	0.240	0.566	0.502	0.363	27
28	0.082B	0.048B	0.092B	1.95	0.145	0.037	0.026	0.027	0.222	0.497	0.443	0.481	28
29	0.086B		0.089B	1.94	0.137E	0.035	0.022	0.025	0.197	0.461	0.392	0.540	29
30	0.095B		0.124B	2.08	0.134E	0.032E	0.020	0.019	0.192	0.410	0.353	0.544	30
31	0.093B		0.150B		0.132E		0.018	0.021		0.366		0.538	31
TOTAL	3.096	2.153	2.401	23.243	28.969	1.987	1.207	0.611	5.467	21.912	17.161	11.368	TOTAL
MEAN	0.100	0.077	0.077	0.775	0.934	0.066	0.039	0.020	0.182	0.707	0.572	0.367	MEAN
MAX	0.122	0.094	0.150	2.18	2.46	0.115	0.074	0.027	0.316	2.41	1.23	0.544	MAX
MIN	0.082	0.048	0.045	0.188	0.132	0.032	0.018	0.010	0.032	0.179	0.309	0.242	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.328
MAXIMUM DAILY, 2.46 ON MAY 3
MINIMUM DAILY, 0.010 ON AUG 19
MAXIMUM INSTANTANEOUS,
3.83 AT 13:01 EST ON OCT 20

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 04 08 N
LONG 84 26 07 W
DRAINAGE AREA, 11.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	267	JUL	104
FEB	186	AUG	52.8
MAR	207	SEP	472
APR	2 010	OCT	1 890
MAY	2 500	NOV	1 480
JUN	172	DEC	982

TOTAL DISCHARGE, 10 300 dam³

BIG TURKEY LAKE (OUTFLOW B) NEAR BATCHAWANA MOUNTAIN - STATION NO. 02BF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.106	0.071	0.041	0.164	1.60	0.092	0.019	0.013	0.031	0.169	0.243	0.241	1
2	0.102	0.071	0.044	0.173	1.85	0.082	0.017	0.012	0.058	0.162	0.229	0.229	2
3	0.098	0.074	0.043	0.253	2.02	0.073	0.016	0.016	0.092	0.188	0.222	0.253	3
4	0.101	0.069	0.042	0.371	1.96	0.067	0.016	0.021	0.095	0.186	0.236	0.261	4
5	0.100	0.067	0.042	0.416	1.88	0.063	0.016	0.019	0.095	0.179	0.247	0.263	5
6	0.096	0.066	0.042	0.434	1.75	0.058	0.017	0.017	0.088	0.201	0.260	0.315	6
7	0.096	0.068	0.040	0.426	1.63	0.051	0.017	0.018	0.084	0.309	0.261	0.325	7
8	0.095	0.073	0.039	0.408	1.43	0.049	0.016	0.022	0.080	0.414	0.249	0.324	8
9	0.093	0.073	0.038	0.373	1.21	0.046	0.015	0.022	0.076	0.476	0.244	0.310	9
10	0.093	0.071	0.038	0.340	1.05	0.053	0.016	0.020	0.071	0.499	0.241	0.321	10
11	0.095	0.069	0.040	0.310	0.943	0.052	0.031	0.016	0.073	0.513	0.267	0.302	11
12	0.092	0.071	0.041	0.291	0.827	0.047	0.049	0.015	0.072	0.514	0.455	0.288	12
13	0.089	0.069	0.063	0.306	0.706	0.045	0.050	0.013	0.090	0.510	0.728	0.270	13
14	0.083	0.068	0.073	0.277	0.606	0.042	0.047	0.013	0.146	0.492	0.827	0.256	14
15	0.080	0.064	0.073	0.248	0.511	0.046	0.044	0.013	0.158	0.487	0.791	0.241	15
16	0.084	0.061	0.077	0.237	0.433	0.050	0.059	0.013	0.167	0.453	0.681	0.217	16
17	0.082	0.056	0.081	0.265	0.376	0.045	0.066	0.011	0.180	0.427	0.563	0.195	17
18	0.081	0.054	0.081	0.314	0.340	0.045	0.067	0.010	0.200	0.404	0.471	0.213	18
19	0.076	0.051	0.083	0.374	0.298	0.042	0.060	0.009	0.206	0.383	0.427	0.249	19
20	0.074	0.052	0.082	0.414	0.266	0.040	0.051	0.010	0.226	0.971	0.517	0.237	20
21	0.071	0.052	0.080	0.423	0.229	0.036	0.044	0.008	0.227	1.87	0.616	0.215	21
22	0.067	0.048	0.077	0.405	0.201	0.035	0.039	0.012	0.221	1.70	0.623	0.191	22
23	0.069	0.050	0.075	0.397	0.177	0.035	0.033	0.016	0.205	1.24	0.609	[illegible]	23
24	0.068	0.045	0.079	0.485	0.163	0.032	0.029	0.017	0.204	0.917	0.552	0.188	24
25	0.065	0.045	0.085	0.794	0.149	0.038	0.027	0.016	0.210	0.702	0.489	0.208	25
26	0.062	0.043	0.084	1.40	0.132	0.036	0.024	0.016	0.200	0.559	0.421	0.233	26
27	0.062	0.041	0.082	1.64	0.120	0.033	0.020	0.021	0.193	0.453	0.370	0.239	27
28	0.062	0.040	0.078	1.49	0.111	0.031	0.017	0.021	0.182	0.378	0.329	0.293	28
29	0.071		0.076	1.37	0.108	0.027	0.015	0.018	0.168	0.336	0.292	0.368	29
30	0.077		0.078	1.42	0.105	0.022	0.014	0.019	0.168	0.302	0.258	0.405	30
31	0.076		0.116		0.096		0.014	0.018		0.268		0.432	31
TOTAL	2.566	1.692	2.013	16.218	23.277	1.413	0.965	0.485	4.266	16.660	12.714	8.254	TOTAL
MEAN	0.083	0.060	0.065	0.541	0.751	0.047	0.031	0.016	0.142	0.537	0.424	0.266	MEAN
MAX	0.106	0.074	0.116	1.64	2.02	0.092	0.067	0.022	0.227	1.87	0.827	0.422	MAX
MIN	0.062	0.040	0.038	0.164	0.096	0.022	0.014	0.008	0.031	0.162	0.222	0.182	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.248
MAXIMUM DAILY, 2.02 ON MAY 3
MINIMUM DAILY, 0.008 ON AUG 21
MAXIMUM INSTANTANEOUS,
2.05 AT 22:35 EST ON MAY 3

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 04 N
LONG 84 24 48 W
DRAINAGE AREA, 8.64 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	222	JUL	83.4
FEB	145	AUG	41.9
MAR	174	SEP	369
APR	1 400	OCT	1 440
MAY	2 010	NOV	1 100
JUN	123	DEC	713

TOTAL DISCHARGE, 7 830 dam³

BIG TURKEY LAKE (STATION 8) NEAR BATCHAWANA MOUNTAIN - STATION NO. 02BF009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.013B	0.011B	0.008B	0.123	0.748	0.017	0.001	0	0.018	0.036	0.031	0.024	1
2	0.014B	0.011B	0.008B	0.147	0.735	0.014	0.001	0	0.060	0.031	0.030	0.041	2
3	0.014B	0.011B	0.008B	0.180	0.708	0.013	0.001	0.004	0.104	0.075	0.034	0.088	3
4	0.014B	0.011B	0.008B	0.207	0.634	0.010	0.001	0.002	0.060	0.066	0.046	0.093	4
5	0.013B	0.011B	0.008B	0.196	0.607	0.009	0.001	0.001	0.040	0.055	0.047	0.075	5
6	0.014B	0.011B	0.008B	0.165	0.574	0.007	0.001	0.001	0.026	0.075	0.047	0.098	6
7	0.015B	0.011B	0.008	0.138	0.513	0.006	0.001	0.001	0.018	0.066	0.047	0.083	7
8	0.016	0.011B	0.008	0.079	0.329	0.005	0.001	0.001	0.015	0.114	0.058	0.070	8
9	0.015	0.011B	0.008	0.065	0.257	0.004	0.001	0.001	0.012	0.150	0.061	0.062B	9
10	0.015	0.011B	0.008	0.059	0.234	0.012	0.001	0.001	0.010	0.102	0.056	0.053	10
11	0.014	0.010B	0.008	0.056	0.247	0.011	0.000E	0.002	0.011	0.105	0.074	0.050	11
12	0.014	0.010B	0.008	0.052	0.199	0.008	0.010E	0.001	0.009	0.120	0.081	0.046	12
13	0.014	0.009B	0.008B	0.059	0.147	0.008	0.010E	0.001	0.063	0.136	0.249	0.041	13
14	0.014	0.009B	0.010B	0.054	0.118	0.006	0.007	0.001	0.233	0.137	0.099	0.035	14
15	0.013	0.009B	0.013B	0.052	0.099	0.015	0.005	0	0.120	0.136	0.069B	0.038	15
16	0.013	0.008B	0.016B	0.066	0.085	0.016	0.010E	0	0.102	0.089	0.061	0.026	16
17	0.013	0.008B	0.021B	0.180	0.070	0.012	0.010E	0	0.083	0.071	0.[illegible]	0.021	17
18	0.013	0.008B	0.026B	0.251	0.067	0.010	0.011E	0	0.099	0.066	0.046	0.020	18
19	0.012A	0.007B	0.028B	0.181	0.062	0.009	0.009E	0	0.082	0.061	0.054	0.024	19
20	0.012A	0.007B	0.024	0.127	0.054	0.008	0.008	0	0.095	1.21	0.428	0.027	20
21	0.011A	0.007B	0.021	0.098	0.047	0.006	0.005	0	0.079	0.404	0.272	0.026	21
22	0.011A	0.007B	0.019	0.081	0.039	0.005	0.003	0.001	0.061	0.146	0.118	0.021	22
23	0.011A	0.007B	0.017	0.130	0.034	0.006	0.002	0.001	0.054	0.093	0.081	0.021	23
24	0.011A	0.007B	0.016B	0.301B	0.031	0.006	0.002	0.001	0.051	0.074	0.061B	0.036	24
25	0.010B	0.007B	0.016B	0.595B	0.027	0.010	0.002	0.001	0.070	0.063	0.052B	0.093	25
26	0.010B	0.007B	0.016B	0.772	0.029	0.007	0.001	0.001	0.063	0.055	0.043	0.149	26
27	0.010B	0.007B	0.016B	0.386	0.021	0.005	0.001	0.002	0.054	0.049	0.037	0.102	27
28	0.010B	0.007B	0.017	0.406	0.019	0.004	0.001	0.002	0.043	0.043	0.032	0.122	28
29	0.010B		0.017	0.513	0.019	0.002	0.001	0.001	0.035	0.044	0.026	0.169	29
30	0.011B		0.024	0.632	0.018	0.001	0.001	0.002	0.036	0.043	0.022	0.101	30
31	0.011B		0.095		0.017		0.001	0.001		0.036		0.070	31
TOTAL	0.391	0.251	0.512	6.323	6.776	0.251	0.135	0.030	1.806	4.531	3.215	1.915	TOTAL
MEAN	0.013	0.009	0.017	0.211	0.219	0.008	0.004	0.001	0.060	0.146	0.107	0.062	MEAN
MAX	0.016	0.011	0.095	0.772	0.748	0.017	0.018	0.004	0.233	1.21	0.881	0.169	MAX
MIN	0.010	0.007	0.008	0.052	0.017	0.001	0.001	0	0.009	0.031	0.022	0.020	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.072
MAXIMUM DAILY, 1.21 ON OCT 20
MINIMUM DAILY, 0 ON AUG 1
MAXIMUM INSTANTANEOUS,
2.60 AT 13:30 EST ON OCT 20

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 43 N
LONG 84 23 55 W
DRAINAGE AREA, 2.02 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33.8	JUL	11.7
FEB	21.7	AUG	2.59
MAR	44.2	SEP	156
APR	546	OCT	391
MAY	585	NOV	278
JUN	21.7	DEC	165

TOTAL DISCHARGE, 2 260 dam³

BIGHEAD RIVER NEAR HEAFORD - STATION NO. 02FB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.20B	2.22B	1.18B	61.1	5.84	3.28	3.05	0.935	0.744	0.987	1.07	6.96	1
2	3.98B	2.10B	1.16B	37.7	5.52	3.63	2.43	1.69	0.698	0.935	3.15	6.84	2
3	4.70B	2.00B	1.14B	34.0	5.22	2.76	2.24	2.60	0.664	0.534	3.57	12.5	3
4	6.00B	1.92B	1.12B	30.8	4.86	2.42	1.96	2.84	0.629	0.558	3.00	11.6	4
5	7.60B	1.70B	1.10B	21.6	4.62	2.15	1.95	2.21	0.486	0.710	2.61	9.51	5
6	6.12B	1.60B	1.09B	19.5	4.33	2.18	1.72	1.65	0.492	0.807	2.58	14.8	6
7	5.60B	1.58B	1.08B	16.3	4.28	2.11	1.54	1.20	0.703	0.619	2.38	9.00	7
8	5.05B	1.65B	1.18B	14.4	4.34	1.92	1.32	0.821	1.02	0.424	3.24	6.67	8
9	4.80B	2.00B	1.22B	13.0	4.08	1.86	1.21	1.31	0.423	0.451	2.75	5.93B	9
10	4.50B	1.80B	1.40B	13.6	3.98	1.93	1.13	1.67	0.317	0.292	2.38	5.97B	10
11	4.30B	1.70B	2.50B	13.1	3.82	1.60	1.26	0.793	0.255	0.623	2.16	5.88	11
12	4.05B	1.60B	5.00B	13.2	3.63	1.37	1.52	0.705	0.257	0.958	4.22	6.18B	12
13	3.85B	1.45B	9.55B	21.5	3.53	1.35	1.26	0.541	0.429	0.934	5.69	7.36B	13
14	3.65B	1.40B	14.0 B	21.8	3.35	1.58	0.880	0.433	0.601	0.856	3.86	7.51	14
15	3.50B	1.60B	25.0 B	20.5	2.92	2.61	1.19	0.304	0.699	2.47	3.53	6.63	15
16	3.40B	1.55B	22.0 B	23.9	3.01	14.1	1.10	0.421	0.639	2.54	3.08	17.2	16
17	3.30B	1.50B	20.0 B	37.8	3.19	7.43	0.892	0.478	0.681	2.54	2.84	10.6 B	17
18	3.50B	1.45B	18.5 B	33.0	2.84	4.75	0.988	0.398	1.33	2.10	2.85	8.90B	18
19	3.40B	1.40B	17.0 B	22.2	2.70	9.72	1.05	0.339	1.26	1.99	2.90	7.39	19
20	3.30B	1.35B	15.5 B	21.5	2.97	10.8	0.931	0.549	0.850	1.64	3.10	6.07	20
21	3.10B	1.33B	14.0 B	20.1	2.83	11.2	0.838	0.547	1.03	2.04	5.82	5.37	21
22	2.98B	1.30B	13.2 B	15.3	2.50	6.89	0.706	0.389	0.826	2.28	5.43	4.85	22
23	2.75B	1.28B	12.4 B	12.6	4.04	5.10	0.647	0.990	0.578	1.22	4.59	4.63	23
24	2.70B	1.26B	11.0 B	11.0	7.55	4.07	0.644	1.09	0.682	0.895	8.93	13.2	24
25	2.60B	1.25B	10.0 B	10.1	5.25	3.62	0.488	1.99	0.633	1.03	5.87	20.9	25
26	2.52B	1.22B	13.0 B	9.23	3.98	3.56	0.583	1.77	0.395	1.17	4.74	18.1	26
27	2.45B	1.21B	10.8 B	9.32	3.33	3.08	0.637	1.43	0.602	1.17	3.88	10.7	27
28	2.35B	1.20B	9.60B	7.32	3.05	6.41	1.54	1.13	1.71	1.08	3.87	10.2	28
29	2.32B		8.88B	6.59	3.55	5.76	1.43	0.689	1.62	0.886	10.9	9.52	29
30	2.29B		15.6	8.21	3.21	3.92	1.05	0.706	1.09	1.01	10.5	6.73B	30
31	2.40B		92.9		3.63		1.19	0.878		0.727		6.33B	31
TOTAL	117.27	43.62	383.62	587.17	122.25	132.46	39.356	32.716	22.343	36.476	125.48	283.53	TOTAL
MEAN	3.78	1.56	12.4	19.6	3.94	4.42	1.27	1.06	0.745	1.18	4.18	9.15	MEAN
MAX	7.60	2.22	92.9	61.1	7.55	14.1	3.05	2.84	1.71	2.54	10.9	20.9	MAX
MIN	2.29	1.20	1.08	6.21	2.50	1.27	0.488	0.299	0.255	0.292	1.07	4.63	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.38
MAXIMUM DAILY, 92.9 ON MAR 31
MINIMUM DAILY, 0.299 ON AUG 22
MAXIMUM INSTANTANEOUS,
116 AT 18:14 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 34 10 N
LONG 80 39 00 W
DRAINAGE AREA, 293 km²
B - ICE CONDITIONS
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 100	JUL	3 400
FEB	3 770	AUG	2 830
MAR	33 100	SEP	1 930
APR	50 700	OCT	3 150
MAY	10 600	NOV	10 800
JUN	11 400	DEC	24 500

TOTAL DISCHARGE, 166 000 dam³

BLACK CREEK NEAR WESTON - STATION NO. 02HC027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.25	0.267	0.325	1.10 E	0.296	1.33	0.488	0.198	0.285	0.376	1.25	0.762	1
2	0.372	0.265	0.273	0.825E	0.289	0.337	0.334	0.854	0.770	0.313	3.55	0.770	2
3	0.400	0.276B	0.278	0.38	0.309	0.278	0.276	0.387	0.378	0.297	3.75	0.703	3
4	8.75	0.286B	0.295	1.97	0.297	0.267	0.246	4.84	0.277	0.301	4.30	1.34	4
5	0.884	0.302	0.609	0.723	0.298	4.46	0.265	0.331	0.239	0.298	3.32	2.08	5
6	0.482	0.257	0.348	0.558B	0.295	2.86	0.245	0.258	0.213	0.286	1.01	1.92	6
7	0.325	0.261	0.308	0.474B	0.386	0.780	0.258	0.225	0.226	4.68	0.628	0.982	7
8	0.265	0.323	0.269	0.439B	1.61	0.481	0.241	1.05	0.232	1.11	0.518	0.659	8
9	0.258B	0.288	0.298	0.398	0.359	0.302	0.236	1.83	0.218	0.437	0.461	0.567	9
10	0.248B	0.257	0.301	0.384	0.300	0.319	0.213	0.266	0.231	0.312	0.418	0.482	10
11	0.252B	0.265B	3.51	0.575	0.303	0.261	0.219	0.235	0.204	1.93	0.993	0.435	11
12	0.260B	0.246B	3.21	0.422	0.297	0.232	0.208	0.219	0.199	0.474	0.737	0.365B	12
13	0.264B	0.228	12.4	0.735	0.281	1.34	0.212	0.212	0.224	0.356	0.668	0.363B	13
14	0.260B	0.222	7.79	0.495	0.260	0.439	0.204	0.199	8.43	0.338	0.387	0.361	14
15	0.250B	1.60	4.95	0.448	0.255	1.30	0.328	0.178	1.67	0.484	0.365	0.916	15
16	0.233	1.42	3.94	0.407	0.238	0.854	0.229	0.199	0.461	0.279	0.344	3.37	16
17	0.228B	0.568	5.93 E	1.20	0.258	0.365	2.22	0.199	0.358	0.264	0.343	0.672B	17
18	0.222B	0.391	2.96 E	0.739	0.253	0.343	0.811	0.197	2.95	0.256	0.332	0.504	18
19	0.218B	0.836	2.17 E	0.532	1.52	0.923	0.534	0.413	0.388	0.311	0.315	0.562B	19
20	0.222B	0.733	2.30 E	2.64	0.797	0.610	0.298	3.98	0.303	0.803	0.361	0.711	20
21	0.215B	1.41	2.54 E	1.24	0.287	1.15	0.257	0.278	0.291	0.332	2.67	0.662	21
22	0.192	0.613	1.95 E	0.661	0.307	0.621	0.256	0.439	1.02	0.253	0.919	0.556	22
23	0.228B	0.564	1.95 E	0.516	0.809	0.463	0.225	0.358	2.02	0.227	1.25	1.53	23
24	0.250B	0.365	1.96 E	0.443	0.272	0.337	0.203	0.306	1.25	0.217	2.12	5.08	24
25	0.260B	0.325	1.81 E	0.398	0.272	0.836	0.208	5.95	0.945	0.236	0.875	6.98	25
26	0.248B	0.340B	1.71 E	0.388	0.282	1.36	0.222	0.551	0.415	0.247	0.706	3.58	26
27	0.240B	0.368B	1.63 E	0.359	0.378	0.426	0.319	0.368	3.40	0.246	0.518	1.32	27
28	0.260B	0.370B	1.86 E	0.350	1.30	0.357	3.26	0.298	0.980	0.240	0.959	2.15	28
29	0.254B		0.863E	0.329	0.321	4.85	0.276	0.246	0.525	0.246	1.64	1.21	29
30	0.248B		0.836E	0.332	0.328	1.21	0.206	0.535	0.455	0.229	1.03	0.768	30
31	0.243		1.07 E		0.305		0.209	0.293		0.467		0.587	31
TOTAL	19.281	13.638	69.643	26.262	13.674	29.311	13.664	25.004	29.553	16.745	37.537	42.647	TOTAL
MEAN	0.622	0.487	2.25	0.875	0.441	0.977	0.441	0.807	0.985	0.540	1.25	1.38	MEAN
MAX	8.75	1.60	12.4	6.39	1.61	4.85	3.26	5.95	8.43	4.68	6.30	6.98	MAX
MIN	0.192	0.222	0.269	0.329	0.238	0.232	0.203	0.178	0.199	0.217	0.315	0.361	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.923
MAXIMUM DAILY, 12.4 ON MAR 13
MINIMUM DAILY, 0.178 ON AUG 15
MAXIMUM INSTANTANEOUS,
88.6 AT 17:28 EST ON SEP 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 48 31 N
LONG 79 30 21 W
DRAINAGE AREA, 58.0 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 670	JUL	1 180
FEB	1 180	AUG	2 160
MAR	6 020	SEP	2 550
APR	2 270	OCT	1 450
MAY	1 180	NOV	3 240
JUN	2 530	DEC	3 680

TOTAL DISCHARGE, 29 100 dam³

REMARKS - STATION FORMERLY CALLED "BLACK CREEK AT SCARLETT ROAD"

BLACK RIVER AT SUTTON - STATION NO. 02EC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.29	0.731B	1.12 B	43.3	2.76	1.72	2.41	1.06	1.29	1.65 E	3.16E	6.87E	1
2	1.33	0.736B	1.08 B	40.5 A	2.43	1.93	1.96	0.841	1.16	1.56 E	4.12E	7.44E	2
3	1.38	0.739B	1.04 B	33.4 A	2.20	1.82	1.59	0.811	1.12	1.40 E	5.30E	7.37E	3
4	1.53	0.745B	1.10 B	20.0 E	2.21	1.65	1.37	0.789	1.05	1.28 E	6.89E	7.29E	4
5	1.86	0.756B	1.02 B	25.0 E	2.05	1.45	1.17	0.807	0.990	1.20 E	8.27E	7.38E	5
6	2.04	0.759B	0.980B	20.0 E	1.81	1.66	1.03	0.830	0.943	1.14 E	8.19E	8.01E	6
7	2.27	0.765B	0.960B	14.0 E	1.66	2.35	0.922	0.781	0.878	1.00 E	7.99E	8.09E	7
8	2.27	0.770B	0.960B	10.5 E	1.68	2.71	0.826	0.699	0.831	0.997E	7.53E	8.08E	8
9	2.12	0.776B	0.971B	8.01E	1.99	2.54	0.568	0.680	0.781	1.27 E	6.32E	7.33E	9
10	2.35	0.779B	0.980B	6.99E	2.24	2.11	0.671	0.677	0.737	1.52 E	5.19E	5.90E	10
11	2.42	0.790B	0.985B	8.01E	2.08	1.72	0.683	0.678	0.679	1.52 E	4.32E	5.19E	11
12	2.02	0.821B	1.11	7.39E	1.30	1.49	0.625	0.662	0.651	1.56 E	3.90E	4.39E	12
13	1.61	0.861B	1.63	8.41E	1.42	1.59	0.572	0.614	0.639	1.69 E	3.73E	3.89E	13
14	1.29	0.861B	2.32	7.79E	1.13	1.99A	0.529	0.584	0.629E	1.65 E	3.59E	3.59E	14
15	1.01	0.869B	3.00	7.33A	1.10	5.01E	0.485	0.557	1.13 E	1.63 E	3.35E	3.34E	15
16	0.934	0.886	3.82	7.53A	1.11	13.4 E	0.460	0.523	1.95 E	1.62 E	2.93E	5.85E	16
17	0.898	0.883	5.18	8.27A	1.04	8.01E	0.467	0.487	1.98 E	1.63 E	2.62E	6.38E	17
18	0.869B	0.889	7.39	8.69A	0.881	4.90E	0.596	0.455	2.12 E	1.62 E	2.47E	6.29E	18
19	0.830B	0.980	8.83	9.54A	0.912	5.61E	0.941	0.430	2.36 E	1.59 E	2.49E	6.30E	19
20	0.810B	0.898	10.5	9.12A	1.39	6.60E	1.65	0.452	2.25 E	1.44 E	2.53E	6.13E	20
21	0.790B	0.892	12.0	9.03A	1.96	5.21E	2.86	0.462	1.38 E	1.38 E	2.74E	5.54E	21
22	0.801B	0.915	11.7	8.41A	1.95	4.19E	2.83	0.503	1.27 E	1.36 E	3.42E	5.19E	22
23	0.821B	0.951	14.0	7.79A	1.81	3.60E	1.61	0.649	1.24 E	1.36 E	4.10E	5.10E	23
24	0.739B	0.946	15.4	6.68A	1.94	2.30E	1.06	0.692	1.22 E	1.35 E	5.52E	5.94E	24
25	0.736B	1.00 B	16.1	5.64A	2.72	2.97A	0.806	1.14	1.24 E	1.26 E	5.98E	9.34E	25
26	0.731B	1.03 B	16.6	4.84A	4.25	2.91	0.668	2.03	1.32 E	1.21 E	6.13E	12.8 E	26
27	0.719B	1.08 B	13.0	4.42A	4.25	2.98	0.571	2.86	1.39 E	1.21 E	6.14E	12.5 E	27
28	0.711B	1.12 B	11.6	4.05A	3.31	2.97	0.688	2.77	1.57 E	1.37 E	5.28E	10.3 E	28
29	0.699B		10.4	3.68A	3.14	2.83	0.985	2.36	1.75 E	2.05 E	4.92E	8.27E	29
30	0.705B		10.9	3.09	3.14	2.76	1.39	1.89	1.78 E	3.24 E	5.88E	6.43E	30
31	0.719B		19.5		3.03		1.44	1.50		3.63 E		5.43E	31
TOTAL	39.222	24.148	284.176	361.41	64.893	102.98	38.433	30.273	38.328	48.387	145.00	211.95	TOTAL
MEAN	1.27	0.862	6.59	12.0	2.09	3.43	1.11	0.977	1.28	1.56	4.83	6.84	MEAN
MAX	2.42	1.12	19.5	43.3	4.25	13.4	2.86	2.86	2.36	3.63	8.27	12.8	MAX
MIN	0.699	0.731	0.960	3.09	0.881	1.45	0.460	0.430	0.629	0.997	2.47	3.34	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.58
MAXIMUM DAILY, 43.3 ON APR 1
MINIMUM DAILY, 0.430 ON AUG 19
MAXIMUM INSTANTANEOUS,
54.9 AT 21:30 EST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 18 18 N
LONG 79 21 37 W
DRAINAGE AREA, 324 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 390	JUL	2 980
FEB	2 090	AUG	2 630
MAR	17 600	SEP	3 310
APR	31 200	OCT	4 180
MAY	5 610	NOV	12 500
JUN	8 900	DEC	18 300

TOTAL DISCHARGE, 113 000 dam³

BLACK RIVER NEAR ACTINOLITE - STATION NO. 02HL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.84	1.80B	2.18B	18.7	11.6	7.07	1.38	1.35	1.92	0.967	0.618	11.8	1
2	5.86	1.83B	2.19B	20.7	10.1	6.51	1.26	1.33	2.05	0.895	0.773	11.8	2
3	5.58	1.87B	2.17B	23.0	9.01	5.57	1.18	1.41	2.06	0.825	1.78	15.4	3
4	6.61	1.90B	2.18B	28.4	8.04	4.65	1.17	1.82	1.96	0.772	4.92	19.8	4
5	6.96	1.93B	2.22B	25.7	7.24	4.07	1.12	1.88	1.91	0.689	8.04	20.1	5
6	6.99	1.96B	2.29B	21.7	6.65	4.07	1.10	1.87	1.91	0.664	7.99	19.3	6
7	7.15	1.97B	2.31B	17.4	6.30	4.17	1.05	1.84	1.96	0.678	7.25	18.0	7
8	6.27	1.98B	2.30B	15.5	6.68	4.23	0.992	1.82	1.94	0.810	6.24	15.7	8
9	5.07B	1.98B	2.30B	14.1	7.78	3.91	0.908	1.90	1.93	0.790	4.97	13.6 B	9
10	5.52B	2.00B	2.31	14.4	7.30	3.33	0.907	1.81	1.87	0.792	4.09	11.4 B	10
11	5.46B	2.00B	2.29	15.8	6.72	2.79	0.882	1.78	1.85	0.891	3.66	9.82B	11
12	5.44B	2.00B	2.24	15.6	6.26	2.41	1.02	1.77	1.79	0.893	3.02	8.48B	12
13	5.40B	2.00B	3.48	17.8	5.75	2.19	1.00	1.77	1.42	0.936	5.14	7.59B	13
14	5.46B	2.00B	4.75	22.1	5.33	2.20	1.70	1.79	1.53	1.04	5.02	8.13B	14
15	5.62B	2.00B	5.73	24.8	4.92	2.05	1.55	1.83	1.69	1.06	5.71	8.44	15
16	2.90B	2.00B	6.79	27.3	4.58	2.93	1.48	1.80	1.29	1.04	5.52	11.4	16
17	2.35B	2.00B	6.81	31.4	4.22	3.27	1.51	1.76	1.03	0.957	5.03	11.9 B	17
18	1.79B	2.00B	6.49	35.4	3.88	3.02	1.54	1.75	0.948	0.961	4.84	11.4 B	18
19	1.75B	2.01B	6.43	34.9	3.64	2.78	1.58	1.78	0.801	0.983	4.60	10.9	19
20	1.74B	2.03B	6.54	33.0	3.53	2.57	1.51	1.89	0.681	0.931	4.41	10.0	20
21	1.74B	2.05B	6.60	39.3	3.55	2.71	1.41	1.87A	0.627	0.896	4.93	9.54	21
22	1.72B	2.05B	6.98	40.3	3.25	2.82	1.38	1.87E	0.537	0.857	7.26	9.13	22
23	1.70B	2.08B	6.74	35.8	3.05	3.18	1.36	1.84E	0.601	0.833	8.08	8.54	23
24	1.69B	2.10B	7.07	31.5	4.04	3.41	1.36	1.86A	0.625	0.831	9.98	9.03	24
25	1.68B	2.15B	7.77	26.9	4.80	2.89	1.31	2.24	0.684	0.812	11.4	12.9	25
26	1.69B	2.14B	8.90	23.2	4.65	2.46	1.33	2.34	0.750	0.790	11.5	21.4	26
27	1.69B	2.16B	9.23	20.3	4.20	2.11	1.30	2.06	0.818	0.738	10.7	22.2	27
28	1.70B	2.17B	8.78	17.6	4.25	1.84	1.38	1.95	0.907	0.726	9.42	21.4	28
29	1.71B		8.19	15.3	5.28	1.67	1.39	1.93	0.896	0.693	10.0	22.6	29
30	1.73B		8.21	13.4	5.41	1.50	1.43	1.88	1.13	0.646	11.6	19.9 B	30
31	1.75B		10.6		5.63		1.38	1.88		0.617		17.0 B	31
TOTAL	119.24	56.16	163.07	721.3	177.54	98.38	40.649	56.67	40.115	26.013	190.091	428.60	TOTAL
MEAN	3.85	2.01	5.26	24.0	5.73	3.28	1.31	1.83	1.34	0.839	6.34	13.8	MEAN
MAX	7.15	2.17	10.6	40.3	11.6	7.07	1.80	2.34	2.06	1.06	11.6	22.6	MAX
MIN	1.68	1.80	2.17	13.4	3.05	1.50	0.882	1.33	0.537	0.617	0.618	7.59	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.80
MAXIMUM DAILY, 40.3 ON APR 22
MINIMUM DAILY, 0.537 ON SEP 22
MAXIMUM INSTANTANEOUS,
41.4 AT 11:25 EST ON APR 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 21 N
LONG 77 22 15 W
DRAINAGE AREA, 401 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 300	JUL	3 510
FEB	4 850	AUG	4 900
MAR	14 100	SEP	3 470
APR	62 300	OCT	2 250
MAY	15 300	NOV	16 400
JUN	8 500	DEC	37 000

TOTAL DISCHARGE, 183 000 dam³

BLACK RIVER NEAR MARATHON - STATION NO. 02BB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.12B	3.30B	2.98B	2.78B	157	34.6	21.8	24.2	8.44	33.2	76.9	51.5B	1
2	4.08B	3.29B	2.97B	2.78B	170	34.5	21.1	22.6	8.95	32.0	70.8	50.0B	2
3	4.04B	3.27B	2.97B	2.79B	183	33.6	20.0	22.2	12.3	33.6	64.9	51.0B	3
4	4.00B	3.25B	2.96B	2.79B	193	31.9	18.8	23.2	14.1	35.0	59.8	55.0B	4
5	3.97B	3.23B	2.95B	2.80B	201	30.0	17.6	22.5	14.5	34.5	56.2	53.5B	5
6	3.92B	3.22B	2.94B	2.80B	213	27.6	20.2	21.1	14.5	34.8	52.6	49.0B	6
7	3.88B	3.20B	2.93B	2.81B	232	24.8	30.0	19.9	14.2	91.0	49.2	45.0B	7
8	3.85B	3.19B	2.92B	2.82B	234	23.4	38.4	18.6	13.7	129	46.5	40.0B	8
9	3.82B	3.18B	2.91B	2.83B	217	22.5	38.1	17.8	13.3	123	44.1	37.0B	9
10	3.78B	3.16B	2.90B	2.85B	195	25.8	36.5	17.6	12.8	106	41.5	34.5B	10
11	3.74B	3.15B	2.89B	2.87B	182	36.0	47.9	17.1	12.7	99.3	40.3	32.5B	11
12	3.72B	3.14B	2.88B	2.89B	189	40.8	97.2	16.3	12.6	97.4	40.9	30.5B	12
13	3.69B	3.13B	2.87B	2.92B	174	41.1	118	15.4	13.8	109	35.9	29.2B	13
14	3.67B	3.12B	2.86B	2.96B	157	40.5	117	14.4	16.7	109	31.9	27.8B	14
15	3.63B	3.11B	2.85B	3.02B	142	41.0	108	13.7	18.2	106	33.0	26.7B	15
16	3.60B	3.10B	2.84B	3.12B	126	39.6	98.5	13.1	18.8	97.5	35.4	25.4B	16
17	3.58B	3.09B	2.83B	3.22B	114	37.0	90.0	12.3	19.3	88.1	37.7	24.4B	17
18	3.55B	3.08B	2.82B	3.38B	106	34.5	82.6	11.8	20.0	80.3	38.2	23.6B	18
19	3.53B	3.07B	2.81B	3.60B	100	32.2	73.6	11.7	22.1	75.1	38.4	22.7B	19
20	3.51B	3.06B	2.80B	4.00B	93.7	30.0	65.5	11.5	26.8	73.7	52.9	21.9B	20
21	3.49B	3.05B	2.80B	5.40B	87.0	28.1	59.3	11.3	33.1	73.7	90.0	21.0B	21
22	3.47B	3.04B	2.79B	8.90B	80.2	27.3	62.6	11.2	33.0	71.9	101	20.3B	22
23	3.45B	3.03B	2.79B	17.6	73.6	27.4	57.1	11.2	31.7	70.7	90.8	19.8B	23
24	3.43B	3.02B	2.78B	22.7	67.1	27.7	50.0	11.2	30.6	70.7	81.9	19.0B	24
25	3.41B	3.01B	2.78B	38.7	60.6	27.6	44.6	11.2	31.3	74.2	75.0	18.4B	25
26	3.40B	3.00B	2.78B	63.3	54.3	27.0	40.2	11.1	30.1	76.1	70.0B	17.9B	26
27	3.38B	3.00B	2.77B	76.5	48.8	26.4	36.4	10.7	28.1	75.6	65.5B	17.2B	27
28	3.36B	2.99B	2.77B	85.6	44.2	26.0	33.5	10.2	26.4	75.6	61.5B	16.7B	28
29	3.34B		2.77B	99.9	40.5	23.8	30.8	9.75	26.0	78.1	58.0B	16.2B	29
30	3.33B		2.77B	126	37.2	22.3	28.4	9.13	31.2	84.8	54.5B	15.7B	30
31	3.31B		2.78B		34.7		26.2	8.71		82.6		15.2B	31
TOTAL	113.05	87.48	88.46	604.63	4 006.9	925.0	1 629.9	462.69	611.29	2 421.5	1 695.3	928.6	TOTAL
MEAN	3.65	3.12	2.85	20.2	129	30.8	52.6	14.9	20.4	78.1	56.5	30.0	MEAN
MAX	4.12	3.30	2.98	126	234	41.1	118	24.2	33.1	129	101	55.0	MAX
MIN	3.31	2.99	2.77	2.78	34.7	22.3	17.6	8.71	8.44	32.0	31.9	15.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.3
MAXIMUM DAILY, 234 ON MAY 8
MINIMUM DAILY, 2.77B ON MAR 27
MAXIMUM INSTANTANEOUS,
237 AT 00:45 EST ON MAY 8

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 41 20 N
LONG 86 12 45 W
DRAINAGE AREA, 1 980 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 770	JUL	141 000
FEB	7 560	AUG	40 000
MAR	7 640	SEP	52 800
APR	52 200	OCT	209 000
MAY	346 000	NOV	146 000
JUN	79 900	DEC	80 200

TOTAL DISCHARGE, 1 170 000 dam³

BLACK RIVER NEAR WASHAGO - STATION NO. 02EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.7B	13.3B	10.1B	45.0B	79.4	12.9	17.2	5.08	2.39	5.36	13.2	68.8	1
2	11.3B	13.7B	10.0B	54.6B	69.2	12.2	15.6	4.67	2.67	5.05	13.7	66.4	2
3	10.7B	14.0B	10.0B	65.0B	61.1	11.0	14.7	4.32	3.54	4.93	17.9	72.5	3
4	10.6B	14.4B	10.1B	80.0B	54.3	9.60	13.9	4.03	3.99	4.61	28.1	82.9	4
5	11.5B	14.7B	10.2B	90.0B	48.7	9.08	13.1	3.77	4.44	4.36	33.6	86.7	5
6	12.5B	14.9B	10.4B	85.0B	44.3	8.53	12.2	3.59	4.68	4.02	38.2	103	6
7	13.3B	15.0B	10.6B	78.0B	40.9	7.85	11.4	3.36	6.52	3.99	39.1	111	7
8	13.8B	14.9B	10.8B	72.0B	38.2	7.32	10.8	3.25	6.89	4.28	39.5	107	8
9	14.5B	14.7B	10.7B	68.0B	35.9	6.82	9.95	3.20	5.71	5.25	40.3	99.6	9
10	16.0B	14.5B	10.6B	65.0B	32.9	6.43	9.14	3.13	4.74	6.40	38.8	88.0	10
11	17.0B	14.2B	11.0B	64.0B	30.0	7.72	9.35	2.98	4.08	7.44	36.6	76.5	11
12	17.5B	13.9B	11.7B	64.6	28.0	9.14	9.42	2.78	3.62	8.79	37.7	67.4B	12
13	17.1B	13.5B	12.6B	74.1	26.4	8.63	9.64	2.95	3.44	9.74	48.0	62.1B	13
14	16.7B	13.2B	14.0B	89.5	24.8	7.81	8.51	2.94	3.24	9.71	52.5	58.1B	14
15	15.8B	13.0B	17.0B	101	23.4	7.48	7.51	2.69	3.20	12.4	50.7	53.7	15
16	15.0B	12.8B	18.0B	112	22.2	11.8	6.84	2.44	3.14	17.5	47.8	56.2	16
17	14.2B	12.4B	19.0B	129	21.4	20.8	6.48	2.20	3.41	19.5	44.8	56.2B	17
18	13.5B	12.0B	19.5B	147	20.1	20.9	6.78	2.03	4.09	18.8	42.2	53.1B	18
19	13.0B	11.6B	19.8B	158	18.9	19.8	7.36	1.95	5.31	17.7	39.4	52.5B	19
20	12.5B	11.3B	20.0B	170	18.0	23.3	7.19	1.97	5.74	17.0	36.9	50.2	20
21	12.2B	11.0B	20.1B	187	17.2	28.6	6.31	1.96	5.11	17.1	39.6	46.8B	21
22	12.2B	11.1B	20.2B	189	16.2	31.4	5.77	1.96	4.52	17.4	51.2	43.9B	22
23	12.5B	11.3B	20.5B	177	15.1	32.0	5.27	2.16	4.18	16.7	53.6	41.3	23
24	12.9B	11.1B	21.0B	158	14.4	30.9	4.79	2.43	3.96	16.0	56.9	41.5	24
25	13.0B	10.8B	22.0B	144	14.0	28.9	4.52	3.00	4.24	15.6	57.9	56.4	25
26	12.9B	10.6B	23.0B	130	13.2	27.3	4.29	3.25	4.55	15.1	55.3	86.6	26
27	12.8B	10.4B	24.0B	118	12.3	25.5	4.04	3.22	4.52	14.5	51.6	91.0	27
28	12.7B	10.2B	24.0B	108	11.7	23.1	4.20	3.02	5.02	14.0	47.2	88.2	28
29	12.6B		23.0B	99.3	12.1	20.7	4.53	2.68	5.72	13.6	50.2	88.0	29
30	12.8B		24.0B	89.3	12.5	19.0	5.38	2.67	5.75	13.1	64.9	86.3	30
31	13.0B		27.0B		12.7		5.41	2.58		13.0		79.0B	31
TOTAL	416.8	358.5	514.9	3 211.4	889.5	496.51	261.58	92.22	132.41	352.82	1 263.6	2 221.7	TOTAL
MEAN	13.4	12.8	16.6	107	28.7	16.6	8.44	2.97	4.41	11.4	42.1	71.7	MEAN
MAX	17.5	15.0	27.0	189	79.4	32.0	17.2	5.08	6.89	19.5	64.9	111	MAX
MIN	10.6	10.2	10.0	45.0	11.7	6.43	4.04	1.95	2.39	3.99	13.2	41.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.0
MAXIMUM DAILY, 189 ON APR 22
MINIMUM DAILY, 1.95 ON AUG 19
MAXIMUM INSTANTANEOUS,
190 AT 22:49 EST ON APR 21

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 42 46 N
LONG 79 16 54 W
DRAINAGE AREA, 1 520 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	36 000	JUL	23 600
FEB	31 000	AUG	7 970
MAR	44 500	SEP	11 400
APR	277 000	OCT	30 500
MAY	76 900	NOV	109 000
JUN	42 900	DEC	192 000

TOTAL DISCHARGE, 882 000 dam³

BLACK STURGEON RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.52B	3.88B	3.62B	3.50B	57.6	52.5	19.3	17.1	11.1	14.0	39.0	38.5E	1
2	4.49B	3.87B	3.61B	3.50B	61.8	50.7	18.6	16.7	11.2	14.3	38.1	38.0E	2
3	4.46B	3.85B	3.61B	3.50B	65.3	48.5	18.1	17.6	11.9	15.4	37.7	38.5E	3
4	4.43B	3.84B	3.60B	3.50B	67.5	45.6	17.7	18.4	12.0	16.2	38.5	40.7E	4
5	4.40B	3.83B	3.60B	3.51B	69.7	43.3	17.1	17.8	11.9	16.0	39.1	42.1E	5
6	4.38B	3.82B	3.60B	3.52B	73.6	40.7	20.5	17.2	11.5	16.0	39.2	41.1E	6
7	4.35B	3.81B	3.59B	3.54B	77.8	38.9	30.9	16.7	11.2	21.8	38.0	40.2E	7
8	4.33B	3.80B	3.59B	3.57B	77.3	37.7	35.3	16.4	10.7	29.2	37.3	40.0E	8
9	4.30B	3.79B	3.58B	3.62B	74.7	36.9	33.0	16.3	10.4	29.4	36.6	39.5E	9
10	4.28B	3.78B	3.57B	3.66B	73.4	36.9	29.7	16.5	10.4	35.5	35.7	38.0B	10
11	4.26B	3.77B	3.57B	3.72B	78.2	36.5	27.1	16.0	10.1	49.0	36.0	36.7B	11
12	4.24B	3.76B	3.56B	3.79B	80.3	34.7	25.2	15.4	10.3	52.3	36.3	35.5B	12
13	4.22B	3.75B	3.56B	3.88B	80.5	33.0	23.5	14.6	11.2	48.8	34.7	34.4B	13
14	4.20B	3.74B	3.55B	4.00B	88.2	32.3	22.3	14.2	11.7	45.2	32.7	33.2B	14
15	4.18B	3.73B	3.55B	4.12B	93.1	32.1	21.0	14.0	11.7	42.8	38.8	32.2B	15
16	4.15B	3.72B	3.54B	4.28B	92.0	31.3	20.3	13.7	11.3	40.8	35.7	31.3B	16
17	4.13B	3.72B	3.54B	4.50B	89.5	29.7	20.6	13.6	11.1	39.3	33.3	30.0B	17
18	4.11B	3.71B	3.53B	4.85B	87.6	28.7	21.2	13.3	11.1	38.7	31.8E	29.3B	18
19	4.09B	3.71B	3.53B	5.35B	86.2	27.6	21.4	13.5	11.0	41.2	33.0E	28.2B	19
20	4.07B	3.70B	3.53B	6.30B	84.5	26.9	20.9	13.7	11.0	42.6	34.5E	27.3B	20
21	4.06B	3.69B	3.53B	7.70B	81.3	26.5	20.1	13.5	11.0	43.1	36.3E	26.6B	21
22	4.04B	3.68B	3.52B	9.40B	77.9	25.9	20.1	13.7	10.8	42.3	39.9E	25.7B	22
23	4.02B	3.67B	3.52B	12.8 B	74.8	24.9	20.2	13.9	10.5	41.8	47.1E	25.0B	23
24	4.00B	3.66B	3.52B	18.6	72.0	23.7	20.0	13.7	10.7	41.1	52.0E	24.3B	24
25	3.98B	3.65B	3.51B	27.4	69.0	23.3	19.8	13.3	11.2	41.0	50.8E	23.4B	25
26	3.97B	3.64B	3.51B	41.2	66.6	22.6	19.6	13.1	11.3	40.6	49.5E	22.3B	26
27	3.96B	3.64B	3.51B	46.5	63.7	21.5	19.3	12.8	11.1	40.1	46.8E	22.2B	27
28	3.95B	3.63B	3.51B	49.2	61.2	21.5	19.0	12.6	11.0	39.6	43.0E	21.6B	28
29	3.93B		3.51B	54.0	58.8	21.1	18.4	12.2	12.1	39.7	40.3E	21.0B	29
30	3.91B		3.51B	56.6	56.3	20.3	17.8	11.7	13.4	40.1	39.5E	20.3B	30
31	3.90B		3.51B		54.4		17.4	11.3		39.8		20.0B	31
TOTAL	129.31	104.84	110.89	403.61	2 294.8	975.8	675.4	454.5	335.9	1 097.7	1 171.2	967.6	TOTAL
MEAN	4.17	3.74	3.55	13.5	74.0	32.5	21.8	14.7	11.2	35.4	39.0	31.2	MEAN
MAX	4.52	3.88	3.62	56.6	93.1	52.5	35.3	18.4	13.4	52.3	52.0	42.1	MAX
MIN	3.90	3.63	3.51	3.50	54.4	20.3	17.1	11.3	10.1	14.0	31.8	20.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.9
MAXIMUM DAILY, 93.1 ON MAY 15
MINIMUM DAILY, 3.50B ON APR 1
MAXIMUM INSTANTANEOUS,
93.5 AT 04:25 EST ON MAY 15

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 54 13 N
LONG 88 22 38 W
DRAINAGE AREA, 2 980 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 200	JUL	58 400
FEB	9 060	AUG	39 300
MAR	9 510	SEP	29 000
APR	34 900	OCT	94 800
MAY	198 000	NOV	101 000
JUN	84 300	DEC	83 600

TOTAL DISCHARGE, 753 000 dam³

BLACKWATER RIVER AT BEARDMORE - STATION NO. 02AD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.02 B	0.719B	0.535B	0.550B	51.8E	12.2	4.81	2.17	1.07	5.70	10.1	12.1	1
2	1.00 B	0.705B	0.527B	0.553B	52.3E	11.2	4.48	2.02	1.20	5.69	9.67	11.4	2
3	0.985B	0.695B	0.524B	0.556B	53.5E	10.3	4.14	2.08	1.28	5.95	9.40	11.1	3
4	0.970B	0.680B	0.520B	0.559B	54.2E	9.63	3.79	2.04	1.31	6.11	9.12	10.7	4
5	0.955B	0.673B	0.517B	0.564B	54.4E	9.01	3.49	1.94	1.45	6.20	8.91	10.5	5
6	0.940B	0.650B	0.513B	0.574B	54.2E	8.39	3.59	1.85	1.48	6.37	8.62	9.23B	6
7	0.930B	0.630B	0.510B	0.584B	53.2E	7.78	3.80	1.80	1.61	6.92	8.41	8.32B	7
8	0.920B	0.610B	0.506B	0.600B	52.2E	7.30	3.86	1.85	1.87	7.48	8.10	7.80B	8
9	0.910B	0.595B	0.503B	0.625B	50.5E	6.81	3.88	1.92	2.25	7.98	7.86	7.25B	9
10	0.895B	0.580B	0.500B	0.650B	48.5E	6.76	4.14	1.89	2.52	9.17	7.56	6.85B	10
11	0.880B	0.565B	0.498B	0.675B	45.2E	6.75	4.61	1.82	2.81	10.9	7.31	6.50B	11
12	0.873B	0.550B	0.500B	0.700B	42.8	6.49	4.96	1.78	3.36	12.5	7.21	6.18B	12
13	0.865B	0.540B	0.510B	0.735B	39.7	6.36	5.18	1.73	3.96	13.8	6.97	5.90B	13
14	0.857B	0.530B	0.542B	0.765B	37.7	6.50	5.28	1.67	4.32	15.2	6.80	5.67B	14
15	0.848B	0.520B	0.560B	0.800B	36.2	6.79	5.27	1.64	4.55	16.4	6.55	5.45B	15
16	0.838B	0.513B	0.562B	0.855B	34.8	6.93	5.14	1.61	4.87	17.0	6.31	5.20B	16
17	0.828B	0.507B	0.560B	0.935B	34.1	6.84	5.03	1.56	5.29	17.2	6.15	5.03B	17
18	0.818B	0.503B	0.557B	1.03 B	33.8	6.77	4.84	1.54	5.60	17.3	6.00	4.90B	18
19	0.809B	0.500B	0.553B	1.14 B	33.8	6.63	4.54	1.61	5.88	17.6	5.93	4.69B	19
20	0.802B	0.497B	0.550B	1.30 B	33.4	6.41	4.24	1.57	6.03	17.1	6.42	4.54B	20
21	0.797B	0.500B	0.546B	1.67 B	32.6	6.20	4.30	1.52	6.11	16.6	7.68	4.38B	21
22	0.794B	0.505B	0.543B	2.20 B	31.4	6.15	4.28	1.47	6.22	16.5	8.26	4.23B	22
23	0.790B	0.530B	0.540B	4.05 E	29.9	6.06	4.01	1.43	6.27	16.3	10.0	4.07B	23
24	0.780B	0.552B	0.539B	8.00 E	27.7	5.95	3.73	1.39	6.37	15.8	12.2	3.97B	24
25	0.775B	0.560B	0.538B	13.8 E	25.3	6.00	3.48	1.38	6.30	15.0	14.0	3.87B	25
26	0.765B	0.557B	0.538B	22.7 E	22.9	5.87	3.15	1.33	6.16	14.1	14.9	3.75B	26
27	0.760B	0.550B	0.539B	34.3 E	20.5	5.68	2.92	1.27	6.01	13.1	14.8	3.62B	27
28	0.753B	0.545B	0.540B	44.0 E	18.2	5.47	2.67	1.20	5.89	12.3	14.6	3.53B	28
29	0.746B		0.542B	48.5 E	16.0	5.29	2.54	1.15	5.91	11.7	13.9	3.46B	29
30	0.739B		0.544B	50.3 E	14.5	5.13	2.40	1.11	5.85	11.1	13.0	3.35B	30
31	0.729B		0.547B		13.3		2.23	1.07		10.6		3.24B	31
TOTAL	26.371	16.061	16.503	244.270	1 148.6	213.65	124.78	50.41	123.80	375.67	276.74	190.78	TOTAL
MEAN	0.851	0.574	0.532	8.14	37.1	7.12	4.03	1.63	4.13	12.1	9.22	6.15	MEAN
MAX	1.02	0.719	0.562	50.3	54.4	12.2	5.28	2.17	6.37	17.6	14.9	12.1	MAX
MIN	0.729	0.497	0.498	0.550	13.3	5.13	2.23	1.07	1.07	5.69	5.93	3.24	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.69
MAXIMUM DAILY, 54.4E ON MAY 5
MINIMUM DAILY, 0.497B ON FEB 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 10 N
LONG 87 57 50 W
DRAINAGE AREA, 650 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 280	JUL	10 800
FEB	1 390	AUG	4 360
MAR	1 430	SEP	10 700
APR	21 100	OCT	32 500
MAY	99 200	NOV	23 900
JUN	18 500	DEC	16 500

TOTAL DISCHARGE, 243 000 dam³

BLANCHE RIVER ABOVE ENGLEHART - STATION NO. 02JC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.15B	4.90B	4.15B	5.20B	145	27.0	13.0	7.27	4.22	8.34	21.2	17.8	1
2	6.15B	4.85B	4.15B	5.55B	147	28.7	12.2	6.81	4.36	8.23	20.6	17.5	2
3	6.15B	4.80B	4.15B	5.95B	145	27.1	11.5	6.38	4.68	8.24	20.2	19.1	3
4	6.20B	4.75B	4.10B	6.50B	139	25.8	10.8	5.90	4.99	8.17	19.9	21.4	4
5	6.20B	4.75B	4.10B	7.10B	133	24.6	10.1	5.52	4.98	7.95	20.4	21.2	5
6	6.15B	4.70B	4.10B	7.55B	124	23.4	9.43	5.22	4.95	7.86	21.1	27.9	6
7	6.15B	4.70B	4.10B	7.90B	115	22.2	8.96	5.15	4.78	8.38	20.4	28.4	7
8	6.10B	4.65B	4.07B	8.10B	106	21.0	8.38	5.05	4.58	12.6	20.3	27.0B	8
9	6.05B	4.60B	4.05B	8.30A	94.8	19.9	8.08	5.59	4.48	13.8	19.7	25.5B	9
10	6.00B	4.55B	4.10B	8.42	85.2	19.1	7.78	5.66	4.24	13.6	19.0	24.0B	10
11	5.95B	4.55B	4.15B	8.57	76.3	18.2	7.91	5.39	4.18	13.3	18.8	23.0B	11
12	5.85B	4.50B	4.25B	8.92	68.6	17.6	8.22	5.39	4.04	13.5	21.8	22.0B	12
13	5.75B	4.50B	4.35B	10.3	60.9	17.3	8.41	5.38	3.92	14.8	28.0	21.0B	13
14	5.70B	4.45B	4.50B	11.6	55.1	16.8	9.44	5.27	4.85	18.1	25.3	20.2B	14
15	5.65B	4.45B	4.65B	13.3	50.4	16.2	13.4	5.07	5.27	23.5	24.3	19.7B	15
16	5.60B	4.40B	4.70B	16.2 E	46.6	15.9	11.6	4.76	6.16	23.6	23.7	19.2	16
17	5.55B	4.40B	4.75B	20.0 E	43.0	15.3	15.0	4.46	7.16	22.2	23.0	18.4	17
18	5.50B	4.40B	4.75B	23.0 E	39.9	14.9	15.9	4.35	10.1	20.9	22.4	18.2	18
19	5.45B	4.35B	4.75B	26.5 E	38.3	14.8	14.5	4.45	11.7	20.6	21.6	17.5	19
20	5.40B	4.35B	4.70B	30.5 E	66.4	15.2	13.7	4.63	12.2	25.8	22.8	16.7	20
21	5.35B	4.30B	4.70B	35.0 E	57.7	15.1	13.2	4.33	14.0	31.7	27.3	15.7	21
22	5.30B	4.30B	4.65B	38.3 A	50.4	14.6	12.7	4.18	13.5	29.7	27.5	14.8	22
23	5.25B	4.30B	4.60B	40.1	45.5	14.0	12.2	4.28	12.6	28.7	26.1	14.6	23
24	5.20B	4.25B	4.45B	52.4	41.6	13.8	11.6	4.33	11.6	28.0	24.1	14.2	24
25	5.15B	4.25B	4.35B	92.8	38.5	17.6	11.1	4.26	11.0	27.3	23.0B	14.5	25
26	5.10B	4.20B	4.25B	140	35.6	17.1	10.4	4.15	10.6	26.6	22.0B	14.1	26
27	5.05B	4.20B	4.20B	104	33.3	16.1	9.59	4.36	10.1	25.5	21.0B	13.5	27
28	5.00B	4.20B	4.20B	104	31.2	15.5	9.16	4.45	9.50	24.6	20.0B	13.7	28
29	5.00B		4.30B	120	29.3	14.8	8.60	4.37	9.07	24.0	19.2B	16.3	29
30	4.95B		4.55B	139	27.6	13.8	8.12	4.27	8.47	23.0	18.3B	15.7B	30
31	4.90B		4.85B		26.1		7.72	4.24		22.2		15.2B	31
TOTAL	173.95	125.60	135.72	1 105.06	2 196.3	553.4	332.70	154.92	226.28	584.77	663.0	588.0	TOTAL
MEAN	5.61	4.49	4.38	36.8	70.8	18.4	10.7	5.00	7.54	18.9	22.1	19.0	MEAN
MAX	6.20	4.90	4.85	140	147	28.7	15.9	7.27	14.0	31.7	28.0	28.4	MAX
MIN	4.90	4.20	4.05	5.20	26.1	13.8	7.72	4.15	3.92	7.86	18.3	13.5	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.7
MAXIMUM DAILY, 147 ON MAY 2
MINIMUM DAILY, 3.92 ON SEP 13
MAXIMUM INSTANTANEOUS,
151 AT 01:22 EST ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 53 21 N
LONG 79 52 45 W
DRAINAGE AREA, 1 780 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 000	JUL	28 700
FEB	10 900	AUG	13 400
MAR	11 700	SEP	19 600
APR	95 500	OCT	50 500
MAY	190 000	NOV	57 300
JUN	47 800	DEC	50 800

TOTAL DISCHARGE, 591 000 dam³

BLOOMFIELD CREEK AT BLOOMFIELD - STATION NO. 02NE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.184	0.085	0.031	0.697	0.123	0.227	0.167	0.031	0.021	0.020	0.183	0.210	1
2	0.216	0.081	0.023	0.469	0.116	0.233	0.101	0.035	0.022	0.019	0.242	0.189	2
3	0.189	0.090	0.020	0.920	0.109	0.146	0.072	0.039	0.021	0.017	0.238	0.181	3
4	0.571	0.097	0.017	0.884	0.100	0.099	0.053	0.035	0.020	0.017	0.380	0.199	4
5	0.625	0.096	0.019	0.499	0.088	0.104	0.039	0.032	0.017	0.018	0.379	0.206	5
6	0.517	0.095	0.020	0.363	0.084	0.339	0.035	0.030	0.019	0.018	0.327	0.235	6
7	0.415	0.079	0.020	0.296	0.078	0.288	0.034	0.028	0.019	0.044	0.291	0.211	7
8	0.352	0.079	0.018	0.305	0.170	0.200	0.035	0.027	0.016	0.217	0.261	0.187	8
9	0.311	0.073	0.016	0.285	0.249	0.135	0.036	0.028	0.016	0.108	0.234	0.156	9
10	0.271	0.068	0.015	0.278	0.163	0.095	0.038	0.025	0.015	0.051	0.214	0.136	10
11	0.214	0.056	0.025	0.285	0.125	0.129	0.041E	0.024	0.016	0.083	0.209	0.139	11
12	0.204	0.054	0.055	0.286	0.121	0.107	0.040E	0.024	0.016	0.114	0.249	0.125	12
13	0.182	0.053	0.386	0.300	0.117	0.101	0.039E	0.024	0.015	0.127	0.270	0.072	13
14	0.186	0.052	0.645	0.305	0.089	0.091	0.039E	0.024	0.014	0.245	0.229	0.078	14
15	0.183	0.057	0.617	0.274	0.056	0.074	0.038E	0.022	0.016	0.346	0.198	0.164	15
16	0.181	0.073	0.464	0.247	0.039	0.099	0.038E	0.022	0.017	0.290	0.181	0.429	16
17	0.169	0.067	0.417	0.247	0.032	0.066	0.037E	0.022	0.017	0.235	0.165	0.258	17
18	0.143	0.055	0.553	0.279	0.020	0.033	0.037E	0.020	0.020	0.204	0.151	0.154	18
19	0.121	0.051	0.990	0.240	0.021	0.060	0.036E	0.021	0.018	0.189	0.145	0.162	19
20	0.103	0.055	1.26	0.252	0.045	0.050	0.036E	0.019	0.017	0.197	0.141	0.176	20
21	0.098	0.058	1.02	0.362	0.032	0.169	0.035E	0.018	0.016	0.262	0.197	0.168	21
22	0.083	0.062	0.813	0.281	0.020	0.156	0.034E	0.017	0.016	0.235	0.233	0.172	22
23	0.080	0.063	0.789	0.244	0.035	0.115	0.034	0.018	0.039	0.220	0.199	0.155	23
24	0.093	0.062	0.738	0.218	0.055	0.078	0.033	0.019	0.035	0.211	0.256	0.299	24
25	0.094	0.046	0.718	0.201	0.050	0.035	0.033	0.098	0.026	0.196	0.227	0.449	25
26	0.091	0.040	0.859	0.186	0.031	0.229	0.033	0.047	0.022	0.191	0.207	0.456	26
27	0.081	0.037	0.570	0.182	0.012	0.158	0.031	0.030	0.027	0.185	0.187	0.332	27
28	0.076	0.032	0.448	0.161	0.276	0.068	0.044	0.025	0.028	0.180	0.174	0.388	28
29	0.071		0.398	0.149	0.261	0.300	0.048	0.026	0.026	0.179	0.240	0.363	29
30	0.077		0.428	0.136	0.150	0.288	0.035	0.023	0.023	0.176	0.240	0.289	30
31	0.085		0.618		0.178		0.033	0.022		0.171		0.256	31
TOTAL	6.266	1.812	13.010	9.831	3.045	4.272	1.384	0.875	0.610	4.765	6.847	6.994	TOTAL
MEAN	0.202	0.065	0.420	0.328	0.098	0.142	0.045	0.028	0.020	0.154	0.228	0.226	MEAN
MAX	0.625	0.097	1.26	0.920	0.276	0.339	0.167	0.098	0.039	0.346	0.380	0.456	MAX
MIN	0.071	0.032	0.015	0.136	0.012	0.033	0.031	0.017	0.014	0.017	0.141	0.072	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.164
MAXIMUM DAILY, 1.26 ON MAR 20
MINIMUM DAILY, 0.012 ON MAY 27
MAXIMUM INSTANTANEOUS,
1.60 AT 17:57 EST ON MAR 20

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 59 26 N
LONG 77 13 06 W
DRAINAGE AREA, 18.5 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	541	JUL	120
FEB	157	AUG	75.6
MAR	1 120	SEP	52.7
APR	849	OCT	412
MAY	263	NOV	592
JUN	369	DEC	604

TOTAL DISCHARGE, 5 160 dam³

BLUE SPRINGS CREEK NEAR EDEN MILLS - STATION NO. 02GA031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.365	0.310B	0.282	7.19	0.914	0.758	1.58	0.355	0.288	0.371	0.273	0.965	1
2	0.366	0.316	0.283	4.09	0.897	1.03	1.12	0.351	0.325	0.311	0.372	0.826	2
3	0.366	0.317	0.278	3.18	0.846	0.647	0.826	0.362	0.366	0.288	0.551	0.697	3
4	0.436	0.318	0.277	3.09	0.816	0.643	0.715	0.374	0.320	0.280	0.689	0.834	4
5	0.487	0.318	0.276	2.55	0.757	0.663	0.655	0.381	0.365	0.271	0.785	1.03	5
6	0.491	0.317	0.276	2.06	0.742	0.910	0.615	0.364	0.317	0.309	0.687	1.31	6
7	0.489	0.317	0.275	1.72	0.732	1.08	0.585	0.340	0.273	0.263	0.513	1.58	7
8	0.454	0.312	0.277	1.52	0.817	1.03	0.550	0.336	0.272	0.374	0.441	1.35	8
9	0.437	0.311	0.279	1.44	0.870	0.820	0.517	0.368	0.252	0.375	0.381	1.03	9
10	0.394	0.312	0.284	1.44	0.807	0.740E	0.489	0.353	0.245	0.332	0.343	0.811	10
11	0.361	0.309	0.297	1.45	0.753	0.650E	0.477	0.329	0.244	0.326	0.349	0.727	11
12	0.346	0.307	0.335	1.44	0.719	0.584	0.472	0.313	0.241	0.332	0.466	0.653	12
13	0.344	0.307	0.449	1.50	0.701	0.548	0.456	0.306	0.242	0.320	0.543	0.520	13
14	0.344	0.304	0.535	1.70	0.682	0.516	0.410	0.304	0.254	0.307	0.515	0.521	14
15	0.346	0.304	0.569	1.70	0.653	0.508	0.395	0.298	0.268	0.298	0.447	0.535	15
16	0.347	0.307	0.606	1.68	0.621	0.623	0.384	0.283	0.276	0.305	0.380	0.874	16
17	0.343	0.305	0.664	2.19	0.620	0.583	0.402	0.295	0.264	0.288	0.367	0.963	17
18	0.332	0.305	0.678	2.57	0.585	0.524	0.488	0.274	0.305	0.280	0.344	0.885	18
19	0.325	0.303	0.679	2.08	0.574	0.659	0.498	0.267	0.343	0.271	0.336	0.685	19
20	0.324	0.304	0.687	1.80	0.581	0.808	0.452	0.272	0.287	0.260	0.335	0.652	20
21	0.322	0.304	0.693	1.94	0.578	0.891	0.401	0.277	0.273	0.264	0.480	0.637	21
22	0.320	0.303	0.692	1.82	0.563	0.924	0.366	0.278	0.286	0.260	0.741A	0.615	22
23	0.321	0.304	0.719	1.53	0.562	0.973	0.356	0.288	0.464	0.247	0.674A	0.605	23
24	0.324	0.303	0.820	1.37	0.562	0.943	0.347	0.294	0.560	0.236	0.790	0.727	24
25	0.324	0.290	0.988	1.30	0.560	0.731	0.345	0.510	0.528	0.232	0.869	1.22	25
26	0.322	0.285	1.08	1.24	0.544	0.678	0.344	0.652	0.492	0.248	0.701	2.05	26
27	0.318	0.284	0.953	1.18	0.514	0.666	0.328	0.510	0.499	0.249	0.564	2.00	27
28	0.317	0.283	0.835	1.08	0.902	0.617	0.437	0.357	0.558	0.246	0.492	1.54	28
29	0.317		0.797	1.02	1.06	1.22	0.461	0.315	0.489	0.244	0.633	1.36	29
30	0.314		0.797	0.941	0.883	1.73	0.387	0.305	0.394	0.247	0.921	1.22	30
31	0.307B		1.83		0.807		0.359	0.293		0.244		1.02	31
TOTAL	11.203	8.559	18.490	59.811	22.222	23.697	16.217	10.612	10.286	8.878	15.982	30.442	TOTAL
MEAN	0.361	0.306	0.596	1.99	0.717	0.790	0.523	0.342	0.343	0.286	0.533	0.982	MEAN
MAX	0.491	0.318	1.83	7.19	1.06	1.73	1.58	0.652	0.560	0.375	0.921	2.05	MAX
MIN	0.307	0.283	0.275	0.941	0.514	0.508	0.328	0.267	0.241	0.232	0.273	0.520	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.648
MAXIMUM DAILY, 7.19 ON APR 1
MINIMUM DAILY, 0.232 ON OCT 25
MAXIMUM INSTANTANEOUS,
9.06 AT 12:39 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 34 35 N
LONG 80 06 36 W
DRAINAGE AREA, 44.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	968	JUL	1 400
FEB	739	AUG	917
MAR	1 600	SEP	889
APR	5 170	OCT	767
MAY	1 920	NOV	1 380
JUN	2 050	DEC	2 630

TOTAL DISCHARGE, 20 400 dam³

BOB CREEK NEAR MINDEN - STATION NO. 02MF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.074B	0.057B	0.030B	0.730	0.277	0.167	0.024	0	0	0.029	0.059	1.01	1
2	0.091	0.059B	0.030B	0.911	0.231	0.163	0.018	0	0.007	0.029	0.076	0.893	2
3	0.102	0.060B	0.029B	1.01	0.193	0.120	0.013	0	0.011	0.028	0.188	1.41	3
4	0.115	0.060B	0.029B	1.30	0.160	0.091	0.010	0	0.012	0.028	0.576	1.50	4
5	0.148	0.059B	0.028B	1.16	0.119	0.068	0.008	0	0.008	0.023	1.23	1.15	5
6	0.158	0.057B	0.028B	0.915	0.090	0.052	0.005	0	0.060	0.019	0.960	1.69	6
7	0.148	0.054B	0.029B	0.707	0.080	0.031	0.003	0	0.195	0.016	0.666	1.47	7
8	0.140B	0.051B	0.030B	0.592	0.090	0.022	0.002	0	0.167	0.026	0.507	0.861	8
9	0.130B	0.049B	0.030B	0.511	0.094	0.015	0.001	0	0.084	0.040	0.451	0.532	9
10	0.124B	0.047B	0.030B	0.468	0.089	0.019	0	0	0.041	0.048	0.386	0.354B	10
11	0.118B	0.045B	0.031B	0.467	0.078	0.051	0	0	0.026	0.065	0.330	0.295B	11
12	0.110B	0.044B	0.035B	0.477	0.069	0.091	0.001	0	0.017	0.085	0.546	0.245B	12
13	0.113B	0.043B	0.200B	0.728	0.060	0.131	0	0	0.010	0.087	1.16	0.212B	13
14	0.097B	0.042B	0.280B	1.11	0.052	0.119	0	0	0.010	0.128	0.832	0.183B	14
15	0.092B	0.044B	0.265B	1.50	0.045	0.123	0	0	0.011	0.249	0.548	0.187B	15
16	0.087B	0.045B	0.250B	2.14	0.040	0.682	0	0	0.010	0.338	0.379	0.318	16
17	0.082B	0.043B	0.236	5.00	0.034	0.936	0	0	0.008	0.327	0.303	0.390	17
18	0.077B	0.042B	0.239	5.94	0.029	0.476	0	0	0.030	0.309	0.258	0.346	18
19	0.073B	0.040B	0.234	2.62	0.028	0.461	0	0	0.025	0.191	0.224	0.301	19
20	0.070B	0.038B	0.229	2.17	0.025	0.829	0.003	0	0.042	0.158	0.220	0.262	20
21	0.067B	0.037B	0.231	2.93	0.021	0.852	0.009	0	0.036	0.166	0.484	0.229	21
22	0.064B	0.036B	0.225	1.76	0.018	0.752	0.006	0	0.027	0.188	0.994	0.206B	22
23	0.066B	0.035B	0.214	1.29	0.011	0.548	0.002	0	0.024	0.171	0.810	0.187B	23
24	0.074B	0.034B	0.213	1.46	0.008	0.304	0	0	0.019	0.154	0.723	0.213	24
25	0.070B	0.033B	0.207	1.69	0.007	0.197	0	0	0.019	0.121	0.621	0.713	25
26	0.067B	0.032B	0.221	1.89	0.004	0.134	0	0	0.016	0.103	0.471	2.28	26
27	0.065B	0.032B	0.212	1.39	0.001	0.094	0	0	0.016	0.085	0.353	1.54	27
28	0.062B	0.031B	0.214	0.884	0.007	0.062	0	0	0.024	0.076	0.286	0.992	28
29	0.060B		0.222	0.557	0.011	0.047	0.002	0	0.023	0.068	0.428	0.902	29
30	0.058B		0.241	0.371	0.046	0.036	0	0	0.026	0.060	0.862	0.790	30
31	0.056B		0.449		0.103		0	0		0.056		0.584	31
TOTAL	2.858	1.249	4.941	44.688	2.120	7.673	0.107	0	1.004	3.471	15.931	22.245	TOTAL
MEAN	0.092	0.045	0.159	1.49	0.068	0.256	0.003	0	0.033	0.112	0.531	0.718	MEAN
MAX	0.158	0.060	0.449	5.94	0.277	0.936	0.024	0	0.195	0.338	1.23	2.28	MAX
MIN	0.056	0.031	0.028	0.371	0.001	0.015	0	0	0	0.016	0.059	0.183	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.291
MAXIMUM DAILY, 5.94 ON APR 18
MINIMUM DAILY, 0 ON JUL 10
MAXIMUM INSTANTANEOUS,
6.90 AT 01:27 EST ON APR 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 56 07 N
LONG 78 46 07 W
DRAINAGE AREA, 21.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	247	JUL	9.24
FEB	108	AUG	0
MAR	427	SEP	86.7
APR	3 860	OCT	300
MAY	183	NOV	1 380
JUN	663	DEC	1 920

TOTAL DISCHARGE, 9 180 dam³

BONNECHERE RIVER NEAR CASTLEFORD - STATION NO. 02KC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.1B	12.5B	15.6B	120 B	59.5	17.7	30.0	4.58	5.72	7.20	6.85	11.4	1
2	13.0B	12.6B	15.5B	63.9	58.5	18.6	28.1	4.88	6.72	5.05	6.65	13.4	2
3	13.0B	12.8B	15.5B	58.3	58.1	17.6	25.5	5.58	6.46	5.56	6.14	15.0	3
4	13.2B	13.0B	15.7B	60.1	61.0	17.0	18.5	5.66	7.18	7.59	9.48	16.7	4
5	13.3B	13.0B	15.7B	47.1	58.5	16.8	16.6	4.02	7.18	6.58	10.9	15.9	5
6	12.9B	13.1B	15.7B	52.1	59.0	15.3	15.7	6.26	6.49	5.58	9.15	17.6	6
7	12.8B	13.2B	15.8B	50.3	59.3	16.2	14.3	6.96	4.53	6.16	8.94	18.5	7
8	12.8B	13.3B	15.8B	45.0	58.6	15.3	10.9	7.86	6.87	6.49	8.90	16.1B	8
9	12.7B	13.5B	15.9B	40.0	57.6	14.9	8.54	8.66	5.76	5.78	8.12	14.2B	9
10	12.6B	13.5B	16.0B	40.8	54.1	15.0	5.37	6.26	6.59	5.76	7.84	13.4B	10
11	12.5B	13.5B	16.1B	42.3	49.4	14.8	3.02	7.00	6.12	5.89	7.42	13.0B	11
12	12.5B	13.5B	16.9B	41.5	45.6	14.2	4.52	6.02	4.43	7.65	8.33	12.9B	12
13	12.4B	13.6B	18.0B	46.2	42.3	13.8	3.08	5.98	7.58	6.63	8.40	13.1B	13
14	12.3B	13.6B	19.1B	50.5	38.6	11.8	3.60	5.79	6.77	5.93	8.37	14.0B	14
15	12.3B	13.7B	20.9B	53.1	36.4	10.2	3.74	5.45	5.77	7.01	9.36	15.0B	15
16	12.3B	13.8B	21.5B	57.1	35.2	12.5	3.50	7.78	5.01	5.93	7.21	20.0B	16
17	12.1B	13.9B	21.9B	73.0	32.5	11.2	2.12	8.50	6.54	6.68	8.28	17.1B	17
18	12.4B	14.0B	22.5B	80.4	26.2	10.2	2.70	8.08	6.97	9.11	8.28	15.9B	18
19	12.2B	14.1B	23.0B	70.7	17.7	8.69	4.02	7.80	5.73	7.60	8.38	15.8B	19
20	12.1B	14.5B	23.6B	67.5	16.6	8.57	4.80	7.99	7.02	7.54	7.92	16.2B	20
21	12.0B	15.0B	24.1B	81.2	15.8	11.0	4.04	6.78	6.44	8.41	7.77	15.9B	21
22	12.0B	15.7B	24.5B	75.3	15.7	13.3	3.40	6.32	6.90	8.01	9.65	15.5B	22
23	12.5B	15.7B	25.0B	69.5	16.2	25.0	4.79	8.81	5.21	5.27	9.05	15.8B	23
24	12.4B	15.7B	25.5B	66.8	17.3	33.3	4.17	8.04	5.74	6.00	10.6	16.3B	24
25	12.0B	15.7B	27.5B	65.6	17.9	36.4	4.05	7.11	5.81	8.29	11.3	16.8B	25
26	12.0B	15.7B	32.8B	65.4	17.5	36.5	4.91	8.01	6.11	6.89	11.8	56.8	26
27	12.0B	15.7B	29.0B	64.9	17.3	35.0	4.99	6.24	7.47	6.54	9.83	29.9	27
28	12.0B	15.7B	27.8B	62.5	17.1	33.7	4.74	6.20	6.58	6.78	8.31	27.3	28
29	12.0B		28.0B	61.7	17.4	33.0	4.87	5.33	6.16	6.08	10.8	30.0B	29
30	12.2B		28.5B	60.1	17.4	31.9	4.44	7.28	5.87	5.74	11.9	27.5B	30
31	12.3B		73.0B		17.5		4.38	6.16		5.40		27.5B	31
TOTAL	385.9	393.6	786.4	1 832.9	1 111.8	569.46	257.39	207.39	188.73	205.13	265.93	584.5	TOTAL
MEAN	12.4	14.1	22.8	61.1	35.9	19.0	8.30	6.69	6.29	6.62	8.86	18.9	MEAN
MAX	13.3	15.7	73.0	120	61.0	36.5	30.0	8.81	7.58	9.11	11.9	56.8	MAX
MIN	12.0	12.5	15.5	40.0	15.7	8.57	2.12	4.02	4.43	5.05	6.14	11.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.4
MAXIMUM DAILY, 120B ON APR 1
MINIMUM DAILY, 2.12 ON JUL 17
MAXIMUM INSTANTANEOUS,
182B AT 02:40 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 29 49 N
LONG 76 33 50 W
DRAINAGE AREA, 2 380 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 380	JUL	22 200
FEB	34 000	AUG	17 900
MAR	61 000	SEP	16 300
APR	158 000	OCT	17 700
MAY	96 100	NOV	23 000
JUN	49 200	DEC	50 500

TOTAL DISCHARGE, 579 000 dam³

BOWMANVILLE CREEK AT BOWMANVILLE - STATION NO. 02HD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.810B	0.620B	0.670B	10.5	1.16	0.999	0.819	0.675	0.795	0.780	0.924	1.23	1
2	0.580B	0.620B	0.640B	3.12	1.03	0.849	0.743	0.721	0.752	0.722	1.53	1.22	2
3	0.740B	0.610B	0.640B	15.4	0.880	0.890	0.738	0.781	0.727	0.695	2.05	1.39	3
4	1.30 B	0.670B	0.670B	4.61	0.943	0.814	0.728	0.756	0.742	0.738	3.35	1.76	4
5	2.25 B	0.640B	0.700B	1.64B	0.946	0.908	0.710	0.747	0.654	0.785	2.22	1.52	5
6	1.85 B	0.620B	0.700B	1.36B	1.03	1.95	0.720	0.655	0.681	0.717	1.32	2.85	6
7	1.40 B	0.610B	0.680B	1.13B	0.994	1.36	0.707	0.599	0.731	0.791	1.05	1.56	7
8	1.10 B	0.600B	0.649B	1.64B	1.50	0.976	0.805	0.596	0.681	1.28	1.08	1.35	8
9	0.900B	0.590B	0.640B	2.07	1.35	0.856	0.622	0.778	0.698	0.810	0.958	1.17B	9
10	0.820B	0.580B	0.660B	2.13	1.05	5.96	0.625	0.583	0.675	0.783	0.862	1.12B	10
11	0.790B	0.580B	0.900B	2.24	0.972	5.16	0.665	0.642	0.689	1.02	0.953	1.11B	11
12	0.760B	0.580B	2.50 B	2.02	0.933	1.44	0.691	0.589	0.660	1.01	1.37	1.09B	12
13	0.730B	0.580B	6.00 B	3.45	1.07	1.18	0.675	0.639	0.700	0.848	1.25	1.08B	13
14	0.710B	0.580B	14.5 B	2.96	0.912	1.19	0.660	0.657	0.699	0.828	0.990	1.13B	14
15	0.690B	0.610B	13.2 B	2.66	0.838	1.11	0.642	0.593	0.901	0.936	0.934	1.25B	15
16	0.680B	0.650B	11.4 B	2.81	0.740	2.49	0.640	0.594	0.789	0.925	0.896	2.45B	16
17	0.670B	0.620B	8.55 B	3.54	0.831	1.34	0.657	0.618	0.673	0.788	0.905	1.55B	17
18	0.660B	0.660B	7.20 B	2.73	0.743	0.996	1.19	0.608	1.32	0.788	0.924	1.35B	18
19	0.650B	0.700B	6.00 B	1.88	0.989	1.22	3.14	0.640	0.770	0.805	0.927	1.25B	19
20	0.645B	0.750B	10.0 B	4.61	1.34	1.38	0.803	0.671	0.724	0.874	0.926	1.16B	20
21	0.682B	0.820B	11.4 B	4.33	0.937	1.15	0.741	0.610	0.684	0.984	2.31	1.11B	21
22	0.640B	0.880B	5.00 B	2.05	0.918	1.15	0.705	0.618	0.769	0.782	2.02	1.10B	22
23	0.700B	0.950B	4.79	1.74	0.942	0.929	0.683	0.803	0.835	0.818	1.38	1.09B	23
24	0.690B	0.940B	4.89	1.70	1.09	0.865	0.621	0.660	0.820	0.785	2.52	2.48B	24
25	0.670B	0.900B	4.11	1.64	1.09	0.952	0.620	1.53	0.994	0.812	1.42	4.56	25
26	0.660B	0.820B	2.97	1.54	0.936	2.26	0.705	0.918	0.768	0.784	1.20	3.59	26
27	0.650B	0.760B	1.37 B	1.44	0.856	1.19	0.724	0.775	1.16	0.852	1.07	1.80	27
28	0.645B	0.710B	1.31 B	1.29	1.64	1.06	1.24	0.700	1.08	0.782	1.15	3.50	28
29	0.639B		1.97 B	1.15	1.42	1.06	0.863	0.672	0.822	0.823	1.67	2.41	29
30	0.635B		3.21	1.20	1.06	0.958	0.717	0.736	0.803	0.797	1.51	1.55B	30
31	0.630B		18.5		1.04		0.693	0.729		0.764		1.20B	31
TOTAL	25.936	19.250	146.819	90.56	32.180	48.642	25.292	21.893	23.716	25.906	41.669	52.88	TOTAL
MEAN	0.837	0.688	4.72	3.02	1.04	1.49	0.816	0.706	0.791	0.836	1.39	1.71	MEAN
MAX	2.25	0.950	18.5	15.4	1.64	5.96	3.14	1.53	1.32	1.28	3.35	4.56	MAX
MIN	0.580	0.580	0.640	1.13	0.740	0.814	0.620	0.583	0.654	0.695	0.862	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.51
MAXIMUM DAILY, 18.5 ON MAR 31
MINIMUM DAILY, 0.580B ON JAN 2
MAXIMUM INSTANTANEOUS,
39.8 AT 19:45 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 18 N
LONG 78 42 09 W
DRAINAGE AREA, 82.9 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 240	JUL	2 190
FEB	1 660	AUG	1 890
MAR	12 700	SEP	2 050
APR	7 820	OCT	2 240
MAY	2 780	NOV	3 600
JUN	3 860	DEC	4 570

TOTAL DISCHARGE, 47 600 dam³

BOYNE RIVER AT EARL ROWE PARK - STATION NO. 02ED102

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.58	1.10B	1.10B	52.0	2.12	1.81	1.13	0.881	0.627	1.05	1.09	4.11	1
2	1.54	1.10B	1.10B	13.1	1.87	1.75	1.01	0.789	0.694	0.949	3.35	3.14	2
3	1.44	1.10B	1.10B	13.6	1.82	1.49	0.905	0.854	0.737	0.898	3.91	2.95	3
4	1.99	1.10B	1.10B	12.7	1.81	1.33	0.883	1.12	0.702	0.872	4.12	3.31	4
5	2.40	1.09B	1.10B	6.60	1.65	1.31	0.855	1.23	0.670	0.845	4.06	3.57	5
6	2.57	1.09B	1.10B	5.75	1.56	2.13	0.845	1.14	0.633	0.841	2.98	7.58	6
7	2.46	1.09B	1.10B	4.65	1.49	2.33	0.831	0.923	0.909	0.826	2.44	4.97	7
8	1.97	1.09	1.10B	4.09	1.56	1.89	0.781	0.797	1.01	0.801	2.35	3.16	8
9	1.73	1.12	1.10B	4.53	1.59	1.63	0.735	0.747	0.926	0.765	2.25	2.30	9
10	1.44	1.11	1.10B	5.26	1.51	1.39	0.472	0.755	0.854	0.808	1.94	1.57	10
11	1.34	1.12	1.20	5.16	1.39	1.25	0.483	0.708	0.788	0.916	1.77	2.10	11
12	1.32B	1.14	2.08	5.17	0.926	1.14	0.574	0.656	0.748	1.00	1.91	1.56	12
13	1.32B	1.13	2.00	6.99	0.957	1.07	0.687	0.631	0.712	0.969	2.79	1.26	13
14	1.28B	1.12	4.04	7.67	1.19	1.02	0.665	0.641	0.695	0.864	2.57	1.40	14
15	1.26B	1.11	4.88	7.93	1.24	0.988	0.621	0.658	0.782	0.941	2.15	1.87	15
16	1.24B	1.11	4.16	9.74	1.25	2.89	0.602	0.668	0.796	1.27	1.81	4.74	16
17	1.20	1.26	4.72	19.9	1.28	2.56	0.583	0.651	0.750	2.21	1.65	3.28	17
18	1.19	1.14	5.07	15.3	1.32	1.82	0.598	0.606	0.750	2.28	1.59	2.16	18
19	1.16	1.13	5.15	7.36	1.32	1.89	8.62	0.570	0.966	1.90	1.52	2.35	19
20	1.15	1.16	5.57	6.52	1.28	3.17	4.52	0.913	0.949	1.55	1.53	2.10	20
21	1.16	1.18	5.73	8.34	1.41	3.63	1.16	1.14	0.829	1.40	2.26	1.98	21
22	1.12	1.21	5.03	5.22	1.39	4.14	1.01	0.857	0.816	1.31	3.96	1.85	22
23	1.10	1.20	5.52	4.27	1.44	4.44	0.778	0.864	0.827	1.18	3.18	1.85	23
24	1.10	1.18	6.77	3.80	1.35	2.48	0.655	0.948	0.815	1.10	5.94	3.89	24
25	1.11	1.12	7.86	3.50	1.37	1.77	0.595	1.69	0.821	1.04	4.78	10.0	25
26	1.12	1.08	5.89	3.17	1.50	1.66	0.578	2.34	0.818	1.02	3.38	10.5	26
27	1.11	1.08B	3.54	3.75	1.43	1.54	0.553	1.98	0.948	0.983	2.19	5.30	27
28	1.10	1.08B	3.56	3.39	1.65	1.21	0.677	1.28	1.81	0.932	1.70	3.91	28
29	1.10		4.35	2.72	2.68	1.72	1.62	1.03	1.50	0.955	2.98	4.15	29
30	1.12		5.80	2.37	2.17	1.40	1.21	0.673	1.19	0.926	5.44	2.89	30
31	1.10B		61.0 E		1.94		0.898	0.511		0.916		1.78	31
TOTAL	43.82	31.54	164.92	254.55	47.463	58.848	36.134	29.251	26.072	34.317	83.55	107.58	TOTAL
MEAN	1.41	1.13	5.32	8.49	1.53	1.96	1.17	0.944	0.869	1.11	2.79	3.47	MEAN
MAX	2.57	1.26	61.0	52.0	2.68	4.44	8.62	2.34	1.81	2.28	5.94	10.5	MAX
MIN	1.10	1.08	1.10	2.37	0.926	0.988	0.472	0.511	0.627	0.765	1.09	1.26	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.52
MAXIMUM DAILY, 61.0E ON MAR 31
MINIMUM DAILY, 0.472 ON JUL 10
MAXIMUM INSTANTANEOUS,
70.8 AT 00:10 EST ON APR 1

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 09 06 N
LONG 79 54 08 W
DRAINAGE AREA, 211 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 790	JUL	3 120
FEB	2 730	AUG	2 530
MAR	14 200	SEP	2 250
APR	22 000	OCT	2 960
MAY	4 100	NOV	7 230
JUN	5 080	DEC	9 290

TOTAL DISCHARGE, 79 300 dam³

BRIGHTSAND RIVER AT HOBBERLEY - STATION NO. 04GB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.28E	3.12E	2.88E	3.05	10.8	18.6	7.71	9.33	8.32	8.12	17.3E	15.7E	1
2	3.28E	3.11E	2.88E	3.12	11.6	18.6	7.43	9.14	8.25	8.51	17.3E	15.6E	2
3	3.28E	3.10E	2.87E	3.34	12.5	18.4	7.49	9.30	8.22	8.85	17.3E	15.5E	3
4	3.27E	3.09E	2.86E	3.31	13.5	17.7	7.46	9.49	8.30	9.18	17.3E	15.3E	4
5	3.27E	3.08E	2.86E	3.27	14.0	17.1	7.52	9.51	8.03	9.24	17.3E	15.2E	5
6	3.27E	3.07E	2.85E	3.31	14.9	16.3	8.73	9.72	7.97	9.48	17.2E	15.1E	6
7	3.26E	3.06E	2.84E	3.40	15.0	15.1	9.52	9.87	7.93	9.89	17.2E	15.0E	7
8	3.26E	3.05E	2.84E	3.37	14.7	14.3	10.0	10.1	7.84	10.3	17.2E	14.9E	8
9	3.26E	3.04E	2.83E	3.42	15.1	13.9	10.3	10.2	7.71	10.7	17.2E	14.7E	9
10	3.25E	3.03E	2.83E	3.47	14.9	13.8	10.2	10.6	7.57	11.4	17.2E	14.6E	10
11	3.25E	3.02E	2.84E	3.54	15.6	13.8	10.2	11.0	7.39	12.2	17.1E	14.5E	11
12	3.25E	3.01E	2.92E	3.63	16.2	13.7	10.1	11.2	7.30	13.0	17.1E	14.3E	12
13	3.31	3.00E	2.98E	3.65	16.6	13.4	9.70	11.1	7.70	13.7	17.1E	14.2E	13
14	3.34	3.00E	3.02E	3.59	17.1	13.2	9.46	11.1	7.71	14.3	17.0E	14.0E	14
15	3.33E	2.99E	3.03E	3.73	17.5	12.8	9.80	11.1	7.84	14.6 E	17.0E	13.8E	15
16	3.32E	2.98E	3.02E	3.84	17.9	12.8 A	10.2	10.7	7.83	15.0 E	17.0E	13.7E	16
17	3.30E	2.97E	3.00E	3.88	18.3	12.2	10.4	10.6	7.76	15.2 E	16.9E	13.6E	17
18	3.29E	2.96E	2.98E	3.87	18.7	11.9	10.2	10.5	7.78	15.5 E	16.9E	13.4E	18
19	3.28E	2.95E	2.96E	3.93	19.4	11.6	10.3	10.5	7.61	15.8 E	16.8E	13.3E	19
20	3.27E	2.94E	2.94E	4.01	20.5	11.1	10.2	10.3	7.62	16.0 E	16.8E	13.1E	20
21	3.25E	2.94E	2.97	4.08	20.9	10.8	10.2	10.1	7.62	16.2 E	16.7E	13.0E	21
22	3.24E	2.93E	2.96	4.20	21.0	10.5	10.3	10.0	7.58	16.4 E	16.6E	12.8E	22
23	3.23E	2.92E	3.04	4.46	20.8	10.3	10.4	9.88	7.43	16.5 E	16.5E	12.7E	23
24	3.21E	2.92E	3.09	4.98	20.6	9.97	10.5	9.72	7.43	16.7 E	16.4E	12.5E	24
25	3.20E	2.91E	3.08	5.58	20.0	9.57	10.4	9.58	7.49	16.8 E	16.3E	12.3E	25
26	3.19E	2.90E	3.04	6.30	19.3	9.40	10.4	9.36	7.43	16.9 E	16.2E	12.2E	26
27	3.18E	2.90E	2.96	7.08	18.6	8.84	10.2	9.01	7.20	17.0 E	16.1E	12.0E	27
28	3.16E	2.89E	3.01	8.04	17.9	8.54	10.1	8.86	7.68	17.1 E	16.0E	11.8E	28
29	3.15E		3.07	8.89	17.6	8.18	10.1	8.74	8.06	17.2 E	15.9E	11.7E	29
30	3.14E		3.02	9.85	18.0	7.92	9.91	8.47	8.05	17.2 E	15.8E	11.6E	30
31	3.13E		3.05		18.4		9.75	8.39		17.2 E		11.4E	31
TOTAL	100.70	83.88	91.52	134.19	527.9	384.32	299.18	307.47	232.65	426.17	504.7	423.5	TOTAL
MEAN	3.25	3.00	2.95	4.47	17.0	12.8	9.65	9.92	7.76	13.7	16.8	13.7	MEAN
MAX	3.34	3.12	3.09	9.85	21.0	18.6	10.5	11.2	8.32	17.2	17.3	15.7	MAX
MIN	3.13	2.89	2.83	3.05	10.8	7.92	7.43	8.39	7.20	8.12	15.8	11.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.63
MAXIMUM DAILY, 21.0 ON MAY 22
MINIMUM DAILY, 2.83E ON MAR 9
MAXIMUM INSTANTANEOUS,
21.3 AT 18:37 EST ON MAY 21

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 25 N
LONG 90 34 19 W
DRAINAGE AREA, 1 170 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 700	JUL	25 800
FEB	7 250	AUG	26 600
MAR	7 910	SEP	20 100
APR	11 600	OCT	36 800
MAY	45 600	NOV	43 600
JUN	33 200	DEC	36 600

TOTAL DISCHARGE, 304 000 dam³

BRONTE CREEK AT PROGRESTON - STATION NO. 02HB016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.867	0.395B	0.602B	14.8	1.03	1.03	1.18	0.346	0.598	1.90	0.922	2.83	1
2	0.843	0.388B	0.600B	11.6	0.987	0.987	0.985	0.774	0.565	1.67	1.51	2.81	2
3	0.910	0.380B	0.595B	11.3	0.922	0.877	0.943	0.878	0.625	1.50	1.91	2.71	3
4	1.41	0.375B	0.590B	10.3	0.898	0.791	0.947	0.817	0.593	1.42	2.39	2.95	4
5	1.26 B	0.370B	0.585B	8.69	0.853	0.914	0.935	0.745	0.540	1.28	2.71	3.06	5
6	1.10 B	0.365B	0.580B	6.85	0.805	2.67	0.876	0.634	0.473	1.01	2.52	3.74	6
7	1.00 B	0.360B	0.580B	6.67	0.762	3.00	0.692	0.537	0.445	1.07	2.18	3.92	7
8	0.910B	0.355B	0.575B	6.23	1.06	2.77	0.566	0.540	0.420	1.54	1.92	3.84	8
9	0.830B	0.352B	0.570B	6.05	1.33	2.29	0.502	0.794	0.400	1.40	1.74	3.53	9
10	0.765B	0.348B	0.719B	5.82	1.15	1.81	0.442	0.662	0.401	1.26	1.56	2.74	10
11	0.700B	0.340B	0.784	5.65	0.930	1.80	0.488	0.531	0.396	1.31	1.55	2.84	11
12	0.642B	0.338B	0.893	5.45	0.823	1.41	0.420	0.477	0.373	1.32	1.84	2.14	12
13	0.600B	0.334B	1.53	5.58	0.796	1.19	0.362	0.441	0.337	1.20	2.00	2.24	13
14	0.580B	0.330B	2.32	5.59	0.734	1.03	0.320	0.411	0.377	1.16	2.08	2.23	14
15	0.550B	0.720B	2.50	5.16	0.684	1.09	0.309	0.387	0.589	1.17	2.00	2.20	15
16	0.535B	0.710B	2.75	4.80	0.633	1.66	0.325	0.367	0.439	1.06	1.90	3.18	16
17	0.510B	0.700B	3.80	4.92	0.601	1.64	0.352	0.344	0.388	0.983	1.80	2.70	17
18	0.500B	0.695B	3.94	4.74	0.543	1.46	0.434	0.324	0.470	0.959	1.76	2.91	18
19	0.480B	0.690B	4.34	4.45	0.539	1.58	0.449	0.320	0.486	0.947	1.74	2.68	19
20	0.465B	0.680B	4.51	4.36	0.778	1.75	0.407	0.352	0.440	0.929	1.73	2.51	20
21	0.450B	0.670B	4.47	4.37	0.828	2.02	0.370	0.347	0.411	0.950	2.13	2.42	21
22	0.440B	0.660B	4.81	4.18	0.786	2.01	0.357	0.344	0.506	0.933	2.42	2.35	22
23	0.470B	0.655B	5.78	3.86	0.809	1.96	0.348	0.374	1.20	0.901	2.47	2.36	23
24	0.450B	0.645B	7.56	3.33	0.790	1.52	0.342	0.385	1.42	0.876	2.97	2.85	24
25	0.430B	0.638B	8.23	2.77	0.734	1.08	0.322	2.94	1.52	0.881	2.88	4.64	25
26	0.420B	0.630B	7.38	2.59	0.659	0.943	0.310	2.47	1.57	0.880	2.68	6.99	26
27	0.410B	0.620B	6.49	2.38	0.654	0.953	0.312	1.85	2.26	0.872	2.52	6.63	27
28	0.440B	0.618B	6.05	1.63	0.834	0.913	0.305	1.41	2.65	0.876	2.16	6.00	28
29	0.420B		5.68	1.27	1.14	1.15	0.372	0.942	2.46	0.855	2.77	5.00	29
30	0.410B		5.91	1.11	1.23	1.26	0.348	0.784	2.22	0.847	2.89	4.14	30
31	0.400B		11.3		1.18		0.365	0.680		0.874		3.66	31
TOTAL	20.197	14.361	167.023	166.50	26.462	45.558	15.761	23.207	25.572	34.833	63.652	104.80	TOTAL
MEAN	0.652	0.513	3.45	5.55	0.854	1.52	0.508	0.749	0.852	1.12	2.12	3.38	MEAN
MAX	1.41	0.720	11.3	14.8	1.33	3.00	1.18	2.94	2.65	1.90	2.97	6.99	MAX
MIN	0.400	0.330	0.570	1.11	0.539	0.791	0.309	0.320	0.337	0.847	0.922	2.14	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.78
MAXIMUM DAILY, 14.8 ON APR 1
MINIMUM DAILY, 0.309 ON JUL 15
MAXIMUM INSTANTANEOUS,
15.6 AT 06:04 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 23 55 N
LONG 79 57 34 W
DRAINAGE AREA, 124 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 750	JUL	1 360
FEB	1 240	AUG	2 010
MAR	9 250	SEP	2 210
APR	14 400	OCT	3 010
MAY	2 290	NOV	5 500
JUN	3 940	DEC	9 050

TOTAL DISCHARGE, 56 0[illegible] dam³

BRONTE CREEK NEAR ZIMMERMAN - STATION NO. 02HB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.15 B	0.960B	0.930B	29.7	2.53	2.64	2.76	0.992	1.25	3.82	1.85	4.55	1
2	1.14 B	0.940B	0.920B	22.8	2.44	2.53	2.32	2.32	1.33	3.27	3.32	4.32	2
3	1.13 B	0.920B	0.910B	22.6	2.31	2.16	2.09	2.26	1.47	2.95	3.87	4.34	3
4	1.40 B	0.910B	0.900B	20.5	2.24	1.97	1.98	2.00	1.38	2.56	5.54	5.04	4
5	1.38 B	0.890B	0.890B	15.7	2.10	2.90E	1.90	1.76	1.27	2.29	5.11	5.43	5
6	1.34 B	0.870B	0.880B	12.4	2.02	4.80E	1.84	1.48	1.15	2.29	4.27	6.96	6
7	1.30 B	0.860B	0.860B	11.2	1.97	5.20E	1.58	1.28	1.04	2.17	3.66	6.44	7
8	1.28 B	0.850B	0.920B	10.7	2.87	4.80E	1.41	1.36	0.995	2.04	3.19	5.87	8
9	1.24 B	0.840B	0.975B	10.2	3.26	4.10E	1.32	1.76	0.909	1.88	2.88	5.24	9
10	1.22 B	0.830B	1.09 B	9.75	2.76	3.60E	1.23	1.50	0.853	3.08	2.64	4.20B	10
11	1.21 B	0.820B	1.30 B	9.53	2.43	3.50E	1.25	1.27	0.820	3.01	2.61	3.80B	11
12	1.18 B	0.810B	1.55 B	9.15	2.23	3.00E	1.17	1.15	0.828	2.58	3.17	3.55B	12
13	1.16 B	0.800B	2.00 B	9.65	2.17	2.55E	1.09	1.11	0.800	2.32	3.14	3.40B	13
14	1.14 B	0.790B	2.80 B	9.79	2.04	2.10E	1.02	1.05	0.867	2.22	3.10	3.35B	14
15	1.13 B	1.20 B	3.40 B	8.96	1.96	2.20E	0.943	0.989	1.32	2.12	3.00	3.46	15
16	1.11 B	1.18 B	5.00 B	8.33	1.88	3.67	0.964	0.978	1.06	2.02	2.87	5.99	16
17	1.08 B	1.16 B	4.99 B	9.32	1.76	3.24	1.04	0.928	0.922	1.93	2.76	4.40B	17
18	1.07 B	1.13 B	4.98 B	8.65	1.69	2.87	1.10	0.881	1.15	1.84	2.70	5.20B	18
19	1.04 B	1.11 B	5.05 B	7.58	1.67	3.05	1.26	0.870	1.07	1.80	2.64	4.30B	19
20	1.03 B	1.08 B	5.30 B	7.50	2.33	3.34	1.15	0.914	0.990	1.82	2.64	3.75B	20
21	1.02 B	1.07 B	6.20 B	7.72	2.41	4.00	1.08	0.921	0.912	1.78	3.42	3.60B	21
22	1.00 B	1.04 B	8.00 B	6.93	2.19	3.99	1.03	0.882	1.11	1.74	3.94	3.45B	22
23	1.09 B	1.03 B	10.5 B	6.21	2.36	3.78	0.985	0.934	3.65	1.69	3.80	3.50B	23
24	1.05 B	1.01 B	13.7	5.22	2.27	3.05	0.958	0.964	3.32	1.64	5.14	5.00B	24
25	1.03 B	1.00 B	14.8	4.58	2.12	2.51	0.921	9.08	3.02	1.63	4.42	12.7	25
26	1.02 B	0.980B	12.8	4.24	1.99	2.37	0.893	4.49	3.03	1.64	3.99	14.4	26
27	1.00 B	0.960B	10.4	4.02	1.90	2.24	0.902	2.93	2.77	1.61	3.69	12.2	27
28	1.04 B	0.950B	9.66	3.18	2.45	2.11	1.08	2.25	7.69	1.58	3.49	11.0	28
29	1.02 B		9.67	2.62	2.84	3.01	1.08	1.73	5.88	1.57	4.92	8.74	29
30	1.00 B		10.3	2.41	2.94	3.06	1.00	1.55	4.46	1.56	4.88	6.62	30
31	0.980B		25.1		2.73		1.02	1.37		1.59		6.23	31
TOTAL	34.980	26.930	176.775	301.14	70.86	94.34	40.366	53.953	57.316	66.04	106.65	181.03	TOTAL
MEAN	1.13	0.964	5.70	10.0	2.29	3.14	1.30	1.74	1.91	2.13	3.56	5.84	MEAN
MAX	1.40	1.20	25.1	29.7	3.26	5.20	2.76	9.08	7.69	3.82	5.54	14.4	MAX
MIN	0.980	0.790	0.860	2.41	1.67	1.97	0.893	0.870	0.800	1.56	1.85	3.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.32
MAXIMUM DAILY, 29.7 ON APR 1
MINIMUM DAILY, 0.790B ON FEB 14
MAXIMUM INSTANTANEOUS,
30.6 AT 07:15 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 26 13 N
LONG 79 51 52 W
DRAINAGE AREA, 235 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 020	JUL	3 490
FEB	2 330	AUG	4 660
MAR	15 300	SEP	4 950
APR	26 000	OCT	5 710
MAY	6 120	NOV	9 210
JUN	8 150	DEC	15 600

TOTAL DISCHARGE, 105 000 dam³

BURNT RIVER NEAR BURNT RIVER - STATION NO. 02HF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.8 B	9.20B	7.00B	25.0B	43.8	22.6	16.0	6.51	6.38	8.92	11.5	50.5	1
2	10.5 B	9.40B	7.00B	30.0B	36.4 A	24.4	12.5	6.32	8.65	8.27	12.1	50.0	2
3	10.3 B	9.50B	6.90B	38.0B	39.3 A	23.6	11.7	6.20	8.84	7.90	14.2	57.3	3
4	10.9 B	9.60B	6.90B	46.0B	20.6 A	21.7	11.4	5.98	8.32	7.38	19.5	65.9	4
5	11.5 B	9.70B	6.80B	47.0B	21.6	20.6	9.66	6.41	7.76	6.91	30.6	67.1	5
6	12.1 B	9.80B	6.80B	46.0B	19.8	20.4	8.46	7.72	8.47	7.39	33.7	72.7	6
7	12.6 B	9.90B	6.70B	43.0B	19.2	19.6	7.79	6.86	9.57	9.32	32.2	73.8	7
8	11.8 B	9.80B	6.60B	40.5B	19.2	18.2	8.74	6.11	9.18	11.0	29.8	76.8	8
9	11.4 B	9.70B	6.50B	39.0B	20.7	16.6	9.69	6.03	8.28	12.4	28.1	71.8	9
10	11.1 B	9.60B	6.35B	37.5B	21.2	15.1	10.1	5.91	7.47	12.7	26.2	61.9	10
11	10.9 B	9.40B	6.40B	37.0B	22.2	14.4	10.7	6.00	7.01	12.9	24.8	58.8	11
12	10.7 B	9.30B	6.70B	37.0B	21.1	13.4	10.7	6.95	6.77	12.9	29.0	56.2	12
13	10.5 B	9.20B	8.50B	42.4	20.1	12.5	10.6	6.69	6.75	12.2	43.1	54.7B	13
14	10.3 B	9.00B	13.3 B	50.0	19.2	11.2	12.0	5.83	6.96	12.2	46.5	53.1B	14
15	10.1 B	8.80B	13.0 B	58.5	18.1	11.4	12.3	5.45	7.94	14.9	43.4	51.2B	15
16	9.90B	8.70B	15.0 B	73.0	17.2	18.2	12.9	5.44	8.40	16.7	39.2	48.7	16
17	9.70B	8.50B	16.5 B	107	15.9	20.5	11.3	3.41	7.68	16.9	36.0	48.0	17
18	9.50B	8.30B	16.0 B	147	15.2	18.8	10.2	4.52	8.13	17.1	33.6	61.5	18
19	9.40B	8.20B	15.5 B	148	13.9	18.6	10.2	6.07	8.70	15.0	31.6	58.3	19
20	9.29B	8.20B	15.0 B	143 A	8.76	26.0	9.80	6.13	8.50	13.9	30.0	43.9	20
21	9.20B	8.20B	15.0 B	143 A	11.0	34.4	9.30	5.03	8.57	15.7	32.6	41.7	21
22	9.00B	8.10B	15.1 B	132 A	12.4	40.8	8.64	4.54	8.90	16.4	38.9	37.6B	22
23	9.00B	8.00B	15.4 B	117	11.3	37.4	7.40	4.80	8.59	16.1	40.1	36.5B	23
24	9.20B	7.90B	15.8 B	106	10.2	33.4	5.92	4.84	8.14	15.2	42.5	37.2B	24
25	9.20B	7.70B	16.5 B	101	10.4	31.0	5.98	5.73	8.07	14.3	44.3	44.3	25
26	9.10B	7.50B	17.0 B	98.5	10.9	29.4	5.93	6.74	8.34	13.5	41.3	70.4	26
27	9.10B	7.30B	16.5 B	96.6	12.9	27.4	5.90	6.75	9.45	12.7	37.9	70.8	27
28	9.10B	7.10B	16.0 B	89.9	14.3	24.4	6.29	6.04	9.80	11.7	34.9	68.0	28
29	9.00B		15.7 B	77.1	15.8	20.3	6.99	5.54	9.43	11.0	37.6	68.8	29
30	9.00B		16.6 B	56.3	17.2	18.4	7.08	5.50	9.39	12.5	46.0	66.1	30
31	9.10B		18.5 B		23.1		6.79	5.63		12.3		58.2	31
TOTAL	313.29	245.60	371.55	2 252.3	582.96	664.7	292.96	181.68	248.44	388.29	991.2	1 781.8	TOTAL
MEAN	10.1	8.77	12.0	75.1	18.8	22.2	9.45	5.86	8.28	12.5	33.0	57.5	MEAN
MAX	12.6	9.90	18.5	148	43.8	40.8	16.0	7.72	9.80	17.1	46.5	76.8	MAX
MIN	9.00	7.10	6.35	25.0	8.76	11.2	5.90	3.41	6.38	6.91	11.5	36.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.8
MAXIMUM DAILY, 148 ON APR 19
MINIMUM DAILY, 3.41 ON AUG 17
MAXIMUM INSTANTANEOUS,
155 AT 15:59 EST ON APR 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 42 03 N
LONG 78 40 40 W
DRAINAGE AREA, 1 270 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	27 100	JUL	25 300
FEB	21 200	AUG	15 700
MAR	32 100	SEP	21 500
APR	195 000	OCT	33 500
MAY	50 400	NOV	85 600
JUN	57 400	DEC	154 000

TOTAL DISCHARGE, 719 000 dam³

CANAGAGIGUE CREEK NEAR ELMIRA - STATION NO. 02GA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.430B	0.351B	0.338B	26.2	0.560	0.527	0.623	0.372	0.944	1.10	0.871	4.24	1
2	0.428B	0.346B	0.332B	24.3	0.531	0.493	0.580	0.386	1.26	0.939	1.72	3.75	2
3	0.420B	0.338B	0.330B	25.9	0.526	0.468	0.531	0.409	1.01	0.866	2.68	3.58	3
4	0.720B	0.335B	0.329B	9.92	0.496	0.455	0.520	5.74	0.844	0.838	2.17	5.26	4
5	1.18 B	0.331B	0.326B	3.10 B	0.510	0.588	0.549	2.57	0.774	0.809	2.06	5.17	5
6	1.01 B	0.329B	0.325B	2.17 B	0.491	0.684	0.536	1.32	0.756	0.793	1.88	10.4	6
7	0.999B	0.327B	0.325B	2.04 B	0.494	0.600	0.519	0.943	0.729	0.911	1.25	7.39	7
8	0.845B	0.326B	0.325B	1.95 B	0.493	0.570	0.504	0.862	0.722	0.902	1.21	6.61	8
9	0.770B	0.325B	0.331B	1.90 B	0.473	0.562	0.484	1.01	0.693	0.828	1.12	6.03	9
10	0.685B	0.324B	0.342B	1.85 B	0.484	0.564	0.470	0.772	0.681	0.795	1.03	5.65	10
11	0.630B	0.323B	0.357B	1.78	0.492	0.608	0.526	0.661	0.635	0.884	1.37	5.18	11
12	0.565B	0.323B	0.383B	2.06	0.499	0.625	0.493	0.606	0.629	0.805	3.46	4.77B	12
13	0.525B	0.326B	0.480B	3.71	0.498	0.678	0.497	0.596	0.659	0.818	2.57	4.40B	13
14	0.492B	0.329B	0.720B	4.09	0.493	0.691	0.501	0.542	1.34	0.814	1.79	4.08	14
15	0.579B	0.409B	1.00 B	4.71	0.478	0.642	0.488	0.507	2.29	0.870	1.46	3.83	15
16	0.510B	0.385B	1.60	4.71	0.452	0.543	0.495	0.517	1.09	0.802	1.33	5.36	16
17	0.460B	0.375B	1.55	11.9	0.463	0.484	0.860	0.589	0.860	0.746	1.25	4.19B	17
18	0.430B	0.363B	1.69	9.58	0.446	0.690	0.650	0.745	1.81	0.726	1.43	3.44B	18
19	0.400B	0.356B	1.86	3.16	0.449	1.04	0.552	0.756	1.29	0.549	1.56	2.98	19
20	0.368B	0.350B	2.44	3.23	0.466	0.805	0.476	0.745	0.991	0.613	1.75	2.49	20
21	0.337B	0.343B	3.18	3.03	0.426	1.92	0.467	0.736	0.855	0.687	4.84	1.68	21
22	0.345B	0.363B	3.78	2.01	0.409	1.12	0.460	0.735	0.884	0.731	3.52	1.38	22
23	0.385B	0.375B	5.02	1.62	0.392	1.16	0.449	0.781	2.05	0.669	2.97	1.63	23
24	0.493B	0.362B	7.21	1.41	0.374	1.44	0.428	0.745	1.63	0.664	5.71	6.44	24
25	0.450B	0.359B	8.10	1.26	0.390	1.36	0.401	1.90	2.88	0.676	4.50	17.0	25
26	0.420B	0.351B	6.02	0.989	0.414	1.33	0.391	1.35	2.22	0.670	3.93	13.9	26
27	0.400B	0.348B	5.17	0.758	0.417	1.27	0.439	0.970	2.39	0.664	3.25	8.36	27
28	0.432B	0.342B	4.28	0.688	1.00	1.03	0.687	0.835	2.38	0.669	3.18	8.59A	28
29	0.395B		3.80	0.626	0.843	1.21	0.430	0.786	1.60	0.661	4.28	7.19	29
30	0.374B		6.22	0.591	0.577	0.765	0.396	0.797	1.25	0.616	4.87	5.72	30
31	0.359B		32.8		0.500		0.394	0.772		0.706		4.46B	31
TOTAL	16.836	9.714	100.923	161.242	15.536	24.922	15.796	31.055	38.146	23.817	74.611	175.15	TOTAL
MEAN	0.543	0.347	3.26	5.37	0.501	0.831	0.510	1.00	1.27	0.768	2.49	5.65	MEAN
MAX	1.18	0.409	32.8	26.2	1.00	1.92	0.860	5.74	2.88	1.10	5.71	17.0	MAX
MIN	0.337	0.323	0.325	0.591	0.374	0.455	0.391	0.372	0.629	0.549	0.871	1.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.88
MAXIMUM DAILY, 32.8 ON MAR 31
MINIMUM DAILY, 0.323B ON FEB 11
MAXIMUM INSTANTANEOUS,
37.9 AT 20:53 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 34 46 N
LONG 80 30 30 W
DRAINAGE AREA, 118 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 450	JUL	1 360
FEB	839	AUG	2 680
MAR	8 720	SEP	3 300
APR	13 900	OCT	2 060
MAY	1 340	NOV	6 450
JUN	2 150	DEC	15 100

TOTAL DISCHARGE, 59 300 dam³

CANAGAGIGUE CREEK NEAR FLORADALE - STATION NO. 02GA036

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.037B	0.003B	0.002B	2.55 B	0.118	0.086	0.030	0.001	0.005	0.088	0.123	0.911	1
2	0.037B	0.002B	0.002B	1.95 B	0.090	0.082	0.020	0.002	0.010	0.059	1.36	0.520	2
3	0.037B	0.002B	0.002B	3.45 B	0.073	0.055	0.015	0.002	0.005	0.042	1.83	0.428	3
4	0.072B	0.002B	0.002B	0.830B	0.058	0.038	0.013	0.151	0.003	0.028	1.24	1.58	4
5	0.177B	0.002B	0.002B	0.760B	0.051	0.051	0.009	0.075	0.002	0.023	0.988	1.60	5
6	0.141B	0.002B	0.002B	0.740B	0.044	0.230	0.006	0.024	0.002	0.020	0.538	3.06	6
7	0.088B	0.002B	0.002B	0.720B	0.041	0.161	0.004	0.013	0.002	0.026	0.488	0.860	7
8	0.063B	0.002B	0.002B	0.990B	0.039	0.112	0.003	0.010	0.002	0.037	0.522	0.384	8
9	0.038B	0.002B	0.002B	1.32 B	0.031	0.083	0.002	0.013	0.002	0.032	0.277	0.222	9
10	0.026B	0.002B	0.002B	1.13	0.026	0.062	0.002	0.007	0.002	0.023	0.155	0.161	10
11	0.018B	0.002B	0.003B	0.753	0.026	0.040	0.001	0.005	0.001	0.022	0.374	0.120	11
12	0.014B	0.002B	0.004B	1.10	0.023	0.026	0.001	0.003	0.001	0.023	2.12	0.096	12
13	0.008B	0.002B	0.014B	1.83	0.020	0.020	0.001	0.002	0.002	0.021	1.32	0.086	13
14	0.006B	0.002B	0.032B	1.53	0.018	0.015	0.001	0.002	0.001	0.020	0.614	0.087	14
15	0.007B	0.002B	0.072B	1.61	0.017	0.015	0.001	0.002	0.002	0.137	0.312	0.091	15
16	0.006B	0.002B	0.350B	2.27	0.018	0.027	0.001	0.002	0.001	0.233	0.161	1.35	16
17	0.004B	0.002B	0.310B	4.33	0.017	0.024	0.001	0.001	0.002	0.082	0.091	0.600B	17
18	0.004B	0.002B	0.320B	1.63	0.014	0.018	0.002	0.001	0.011	0.050	0.080	0.332	18
19	0.004B	0.002B	0.340B	0.872	0.012	0.316	0.002	0.001	0.010	0.034	0.090	0.200	19
20	0.004B	0.002B	0.365B	1.43	0.024	0.427	0.002	0.001	0.009	0.031	0.373	0.152B	20
21	0.004B	0.002B	0.390B	1.09	0.018	1.41	0.001	0.001	0.006	0.028	3.26	0.106	21
22	0.004B	0.002B	0.420B	0.563	0.014	0.578	0.001	0.001	0.005	0.022	1.42	0.091	22
23	0.005B	0.002B	0.660B	0.435	0.014	0.296	0.001	0.001	0.012	0.017	0.943	0.142	23
24	0.005B	0.002B	1.00 B	0.348	0.013	0.162	0.001	0.001	0.016	0.015	1.73	2.31	24
25	0.004B	0.002B	1.50 B	0.269	0.010	0.106	0.001	0.056	0.180	0.013	0.575	5.51	25
26	0.003B	0.002B	1.20 B	0.228	0.010	0.086	0.001	0.053	0.127	0.011	0.228	2.26	26
27	0.003B	0.002B	0.820B	0.398	0.007	0.065	0.001	0.019	0.340	0.010	0.074	0.667	27
28	0.004B	0.002B	0.530B	0.271	0.206	0.048	0.002	0.016	0.444	0.009	0.040	1.22	28
29	0.003B		0.410B	0.180	0.280	0.052	0.002	0.006	0.211	0.009	1.30	0.704	29
30	0.003B		1.90 B	0.146	0.152	0.056	0.002	0.004	0.132	0.008	1.85	0.410B	30
31	0.003B		12.0 B		0.094		0.001	0.004		0.009		0.306	31
TOTAL	0.832	0.057	22.660	35.723	1.658	4.745	0.131	0.474	1.548	1.182	24.432	26.566	TOTAL
MEAN	0.027	0.002	0.731	1.19	0.053	0.158	0.004	0.015	0.052	0.038	0.814	0.857	MEAN
MAX	0.177	0.003	12.0	4.33	0.206	1.41	0.030	0.151	0.444	0.233	3.26	5.51	MAX
MIN	0.003	0.002	0.002	0.146	0.007	0.015	0.001	0.001	0.001	0.008	0.040	0.086	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.329
MAXIMUM DAILY, 12.0B ON MAR 31
MINIMUM DAILY, 0.001 ON JUL 11

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 40 12 N
LONG 80 35 48 W
DRAINAGE AREA, 17.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	71.9	JUL	11.3
FEB	4.92	AUG	41.0
MAR	1 960	SEP	134
APR	3 090	OCT	102
MAY	143	NOV	2 110
JUN	416	DEC	2 300

TOTAL DISCHARGE, 10 400 dam³

CANARD RIVER NEAR LUKERVILLE - STATION NO. 02GH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.350B	1.70 B	0.540B	10.3	0.190E	0.170E	0.062E	0.052	0.019	0.030	0.030	7.20	1
2	0.365B	1.60 B	0.600B	4.64	0.180E	0.115A	0.048E	0.050	0.022	0.031	0.578	3.48	2
3	0.390B	1.40 B	0.680B	3.16	0.156A	0.100E	0.064E	0.045	0.029	0.029	0.380	2.15	3
4	0.600B	1.20 B	0.740B	2.55	0.152E	0.085E	0.130E	0.043	0.020	0.027	0.288	4.03	4
5	14.5 B	1.10 B	0.720B	2.08	0.148A	0.105E	0.100E	0.040	0.019	0.028	0.958	4.41	5
6	13.0 B	0.980B	0.700B	1.19	0.160E	0.210E	0.058A	0.039	0.019	0.025	0.886	6.11	6
7	6.00 B	0.900B	0.690B	0.820	0.165E	0.304A	0.052E	0.037	0.023	0.025	0.452	4.93	7
8	3.90 B	0.800B	0.670B	0.560	0.180E	0.130E	0.049A	0.051	0.020	0.030	0.261	3.09	8
9	1.90 B	0.730B	0.640B	0.689	0.150E	0.076A	0.042E	0.046	0.017	0.016	0.232	1.79	9
10	1.20 B	0.680B	0.632B	1.77	0.114A	0.075E	0.032E	0.039	0.019	0.026	0.230	1.22	10
11	0.750B	0.620B	0.920B	3.72	0.160E	0.074A	0.042E	0.033	0.019	0.027	0.230	0.881	11
12	0.420B	0.570B	6.60 B	6.66	0.217A	0.070E	0.065E	0.029	0.018	0.028	0.278	0.556	12
13	0.270B	0.530B	36.0 B	8.82	0.195E	0.065E	0.059A	0.027	0.017	0.004	0.412	0.434E	13
14	0.250B	0.500B	58.0 B	6.73	0.160E	0.059A	0.042E	0.025	0.021	0.019	0.289	0.394E	14
15	0.235B	0.460B	47.5 B	3.28	0.128E	0.037A	0.032E	0.023	0.027	0.041	0.236	0.378A	15
16	0.225B	0.430B	42.0 B	1.87	0.110E	0.140E	0.030E	0.022	0.023	0.026	0.256	7.14	16
17	0.215B	0.405B	37.7	5.82	0.091A	0.144E	0.029E	0.020	0.024	0.028	0.235	12.0	17
18	0.210B	0.380B	19.2	8.77	0.106E	0.060A	0.028E	0.019	0.041	0.026	0.231	9.00	18
19	0.205B	0.360B	13.8	3.57	0.104E	0.070E	0.070E	0.019	0.033	0.027	0.232	4.20	19
20	0.200B	0.340B	10.1	1.74	0.108E	0.180E	0.127A	0.021	0.028	0.030	0.440	6.53	20
21	0.210B	0.380B	9.32	1.15	0.106E	1.40 E	0.085	0.020	0.028	0.026	2.35	6.67	21
22	0.220B	0.420B	7.38	0.767	0.095E	0.210A	0.065	0.021	0.031	0.027	4.68	4.44	22
23	0.245B	0.580B	5.67	0.465	0.088E	0.200E	0.060	0.021	0.030	0.026	6.23	2.51	23
24	0.270B	0.820B	5.08	0.357	0.090E	0.170A	0.059	0.021	0.034	0.027	7.30	3.37	24
25	0.960B	0.760B	4.69	0.330	0.098E	0.162E	0.055	0.021	0.030	0.027	6.67	9.27	25
26	0.760B	0.670B	5.80	0.340E	0.096E	0.159E	0.056	0.020	0.028	0.030	5.43	18.3	26
27	0.620B	0.600B	4.32	0.366A	0.104E	0.150E	0.057	0.019	0.071	0.032	2.46	13.2	27
28	0.520B	0.540B	2.56	0.280E	0.580E	0.144A	0.144	0.018	0.090	0.032	2.27	10.4	28
29	0.580B		2.02	0.190E	0.155E	0.110E	0.113	0.018	0.069	0.031	8.44	9.36	29
30	0.840B		1.95	0.170E	0.800E	0.076A	0.094	0.019	0.039	0.031	10.7	5.27	30
31	1.80 B		9.86		0.215A		0.062	0.017		0.031		2.21	31
TOTAL	52.210	20.455	337.082	83.154	5.401	5.050	2.011	0.895	0.908	0.843	63.664	164.919	TOTAL
MEAN	1.68	0.731	10.9	2.77	0.174	0.168	0.065	0.029	0.030	0.027	2.12	5.32	MEAN
MAX	14.5	1.70	58.0	10.3	0.800	1.40	0.144	0.052	0.090	0.041	10.7	18.3	MAX
MIN	0.200	0.340	0.540	0.170	0.088	0.037	0.028	0.017	0.017	0.004	0.030	0.374	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.02
MAXIMUM DAILY, 58.0B ON MAR 14
MINIMUM DAILY, 0.004 ON OCT 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 09 33 N
LONG 83 01 05 W
DRAINAGE AREA, 159 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 510	JUL	174
FEB	1 770	AUG	77.3
MAR	29 100	SEP	78.5
APR	7 180	OCT	72.8
MAY	467	NOV	5 500
JUN	436	DEC	14 200

TOTAL DISCHARGE, 63 600 dam³

CARP RIVER NEAR KINBURN - STATION NO. 02KF011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.644B	0.270B	0.290B	41.9 B	3.34	1.55	0.609	0.072	0.187	0.455	0.248	3.09	1
2	0.652B	0.270B	0.290B	37.7 B	2.90	1.59	0.509	0.086	0.151	0.420	0.276	3.89	2
3	0.655B	0.271B	0.290B	32.0 B	2.67	1.36	0.603	0.085	0.121	0.433	0.319	6.28	3
4	0.660B	0.272B	0.290B	25.0 B	2.63	0.980	0.734	0.086	0.123	0.428	1.16	8.22	4
5	0.723B	0.272B	0.290B	16.1 B	2.22	0.761	0.712	0.090	0.146	0.383	3.93	8.34	5
6	0.800B	0.272B	0.290B	11.6 B	1.98	0.667	0.548	0.089	0.211	0.342	4.21	7.89	6
7	0.840B	0.272B	0.291B	9.50B	1.82	0.715	0.383	0.089	0.213	0.305	3.25	6.70	7
8	0.720B	0.272B	0.291B	8.45	2.12	0.724	0.277	0.093	0.210	0.302	2.45	5.06	8
9	0.662B	0.273B	0.292B	7.90	4.47	0.678	0.215	0.093	0.219	0.282	1.97	2.91	9
10	0.612B	0.274B	0.300B	9.01	4.97	0.602	0.181	0.090	0.229	0.312	1.72	2.69	10
11	0.580B	0.273B	0.320B	11.3	3.63	0.507	0.151	0.075	0.212	0.354	1.55	2.22	11
12	0.554B	0.272B	0.335B	12.1	2.72	0.381	0.133	0.067	0.189	0.372	1.40	1.78	12
13	0.525B	0.272B	0.420B	14.9	2.21	0.336	0.122	0.061	0.169	0.376	1.58	1.34	13
14	0.500B	0.272B	0.859B	18.2	1.83	0.294	0.140	0.057	0.153	0.360	1.60	1.11	14
15	0.468B	0.272B	1.42 B	16.2	1.56	0.293	0.151	0.055	0.127	0.391	1.40	1.09	15
16	0.440B	0.273B	2.00 B	16.8	1.33	0.385	0.160	0.052	0.119	0.427	1.14	3.60	16
17	0.410B	0.274B	2.41 B	20.1	1.11	0.492	0.148	0.038	0.121	0.451	1.03	4.99	17
18	0.391B	0.274B	2.70 B	23.4	0.934	0.555	0.135	0.029	0.157	0.436	0.934	4.25	18
19	0.374B	0.275B	2.96 B	21.1	0.852	0.532	0.144	0.026	0.164	0.375	0.858	3.43	19
20	0.358B	0.277B	3.07 B	18.9	0.833	0.539	0.138	0.022	0.179	0.338	0.801	2.60	20
21	0.340B	0.281B	3.33 B	35.2	0.781	0.680	0.184	0.013	0.207	0.292	0.833	2.11	21
22	0.315B	0.288B	3.29 B	30.7	0.691	1.33	0.223	0.011	0.205	0.272	1.33	1.72	22
23	0.304B	0.291B	3.25 B	21.7	0.631	2.67	0.222	0.018	0.195	0.267	1.59	1.48	23
24	0.295B	0.292B	3.20 B	14.5	0.690	2.41	0.191	0.013	0.188	0.254	3.58	1.49	24
25	0.294B	0.292B	3.25 B	10.6	0.755	2.09	0.162	0.040	0.194	0.250	4.31	2.63	25
26	0.290B	0.292B	3.35 B	8.49	0.699	1.91	0.133	0.056	0.204	0.231	3.18	11.9	26
27	0.278B	0.291B	3.44 B	6.97	0.623	1.69	0.099	0.073	0.235	0.223	2.05	9.48	27
28	0.272B	0.291B	3.55 B	5.81	0.615	1.33	0.092	0.131	0.250	0.219	1.99	9.57	28
29	0.270B		3.66 B	4.70	0.679	1.04	0.078	0.172	0.317	0.216	1.76	11.2	29
30	0.270B		3.96 B	3.87	0.782	0.801	0.065	0.181	0.415	0.223	2.14	9.34	30
31	0.270B		13.0 B		1.02		0.069	0.162		0.225		7.25	31
TOTAL	14.766	7.770	66.688	514.70	54.095	29.892	7.723	2.225	5.770	10.214	54.589	149.65	TOTAL
MEAN	0.476	0.278	2.15	17.2	1.75	0.996	0.249	0.072	0.192	0.329	1.82	4.83	MEAN
MAX	0.840	0.292	13.0	41.9	4.97	2.67	0.734	0.181	0.415	0.455	4.31	11.9	MAX
MIN	0.270	0.270	0.290	3.87	0.615	0.293	0.065	0.011	0.119	0.216	0.248	1.09	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.52
MAXIMUM DAILY, 41.9B ON APR 1
MINIMUM DAILY, 0.011 ON AUG 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 25 03 N
LONG 76 11 55 W
DRAINAGE AREA, 269 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 280	JUL	667
FEB	671	AUG	192
MAR	5 760	SEP	499
APR	44 500	OCT	882
MAY	4 670	NOV	4 720
JUN	2 580	DEC	12 900

TOTAL DISCHARGE, 79 300 dam³

CARRICK CREEK NEAR CARLSRUHE - STATION NO. 02FC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.802B	0.856B	0.694B	35.2	1.87	0.966	0.869	0.434	0.410	0.670	0.893	5.10	1
2	1.08 B	0.834B	0.686B	19.1	1.76	0.956	0.777	0.559	0.447	0.590	4.52	4.21	2
3	1.40 B	0.805B	0.682B	20.0	1.71	0.812	0.720	0.618	0.415	0.518	4.17	4.53	3
4	1.76 B	0.790B	0.701B	17.1	1.57	0.738	0.674	0.738	0.391	0.476	2.89	6.61	4
5	3.08 B	0.782B	0.707B	12.3	1.45	0.751	0.628	0.498	0.349	0.445	2.07	6.34	5
6	4.01	0.766B	0.704B	11.1	1.40	1.19	0.571	0.420	0.319	0.422	1.82	9.21	6
7	2.68 B	0.758B	0.699B	9.22	1.35	1.02	0.539	0.370	0.322	0.623	1.68	6.72	7
8	2.02 B	0.747B	0.696B	8.04	1.41	0.895	0.505	0.386	0.304	0.854	1.55	4.74	8
9	1.61 B	0.739B	0.692B	8.60	1.35	0.804	0.467	0.436	0.284	0.542	1.34	3.77	9
10	1.45 B	0.731B	0.722B	9.17	1.24	0.857	0.441	0.416	0.290	0.451	1.24	3.63	10
11	1.33 B	0.722B	0.888B	7.81	1.18	0.841	0.438	0.412	0.304	0.491	1.19	2.90B	11
12	1.22 B	0.716B	1.12 B	7.46	1.11	0.675	0.436	0.349	0.298	0.489	2.81	2.48B	12
13	1.16 B	0.709B	1.87 B	11.4	1.05	0.608	0.423	0.326	0.277	0.462	9.25	2.30B	13
14	1.11 B	0.706B	3.45 B	11.1	0.999	0.535	0.386	0.316	0.275	0.449	3.03	1.98B	14
15	1.05 B	0.702B	7.78 B	10.5	0.957	1.39	0.370	0.299	0.344	0.544	2.34	2.38	15
16	1.01 B	0.843B	8.60 B	11.2	0.918	3.33	0.353	0.289	0.408	0.857	1.90	7.08	16
17	0.970B	0.841B	9.14 B	15.8	0.992	1.57	0.409	0.278	0.376	0.842	1.74	5.20B	17
18	0.938B	0.827B	9.57 B	14.6	0.905	1.14	0.775	0.267	0.752	0.725	1.69	4.00B	18
19	0.902B	0.802B	7.92 B	8.79	0.834	4.32	0.629	0.374	0.674	0.615	1.77	3.29	19
20	0.886B	0.778B	6.84 B	7.61	1.15	5.80	0.491	0.908	0.453	0.591	1.96	2.82	20
21	0.863B	0.773B	6.03 B	7.90	1.06	8.03	0.415	0.439	0.410	0.648	5.23	2.64	21
22	0.854B	0.760B	5.52 B	5.88	0.877	3.83	0.375	0.395	0.386	0.636	5.94	2.51	22
23	0.842B	0.751B	6.60 B	4.78	1.04	2.39	0.336	0.435	0.467	0.588	4.38	2.76	23
24	1.14 B	0.728B	8.01 B	4.12	1.08	1.60	0.313	0.406	0.516	0.543	7.84	3.90E	24
25	1.17 B	0.723B	10.0 B	3.56	0.940	1.55	0.295	1.33	0.479	0.479	5.41	12.2 E	25
26	1.07 B	0.720B	7.96 B	3.17	0.850	2.38	0.294	0.992	0.793	0.445	3.77	16.7 E	26
27	1.02 B	0.718B	5.19 B	2.95	0.779	1.81	0.313	0.613	1.04	0.455	3.00	12.4 E	27
28	0.977B	0.713B	4.57 B	2.52	1.17	1.44	0.856	0.475	1.86	0.463	2.63	8.40E	28
29	0.946B		4.07 B	2.22	1.39	1.21	0.528	0.401	1.12	0.434	5.26	5.80E	29
30	0.911B		9.71	2.02	1.19	1.03	0.435	0.397	0.819	0.441	6.92	4.20E	30
31	0.880B		42.6		1.04		0.479	0.396		0.452		3.20E	31
TOTAL	41.141	21.340	174.421	295.22	36.621	58.468	15.540	14.972	15.582	17.240	94.433	164.00	TOTAL
MEAN	1.33	0.762	5.63	9.84	1.18	1.82	0.501	0.483	0.519	0.556	3.15	5.29	MEAN
MAX	4.01	0.856	42.6	35.2	1.87	8.03	0.869	1.33	1.86	0.857	7.84	16.7	MAX
MIN	0.802	0.702	0.682	2.02	0.779	0.535	0.294	0.267	0.275	0.422	0.893	1.98	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.59
MAXIMUM DAILY, 42.6 ON MAR 31
MINIMUM DAILY, 0.267 ON AUG 18
MAXIMUM INSTANTANEOUS,
60.2 AT 21:50 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 06 47 N
LONG 81 01 12 W
DRAINAGE AREA, 163 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 550	JUL	1 340
FEB	1 840	AUG	1 290
MAR	15 100	SEP	1 350
APR	25 500	OCT	1 490
MAY	3 160	NOV	8 160
JUN	4 710	DEC	14 200

TOTAL DISCHARGE, 81 700 dam³

CASTOR RIVER AT RUSSELL - STATION NO. 02LB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.960B	0.830B	0.677B	147 B	3.52	0.812	0.831	0.574	0.419	0.809	0.623	7.41	1
2	0.955B	0.818B	0.676B	122 B	3.06	0.811	0.742	0.775	0.537	0.823	0.622	9.99	2
3	0.950B	0.805B	0.676B	96.7 B	2.64	0.828	0.617	0.695	0.636	1.10	0.693	13.5	3
4	1.20 B	0.795B	0.676B	72.0 B	2.38	0.743	0.600	0.568	0.711	0.941	2.09	19.6	4
5	1.80 B	0.780B	0.675B	48.0	2.18	0.643	0.558	0.461	0.634	0.819	9.89	16.1	5
6	2.70 B	0.772B	0.675B	35.2	2.02	0.675	0.516	0.401	0.683	0.741	9.06	13.9	6
7	3.20 B	0.766B	0.675B	22.6	1.91	0.660	0.495	0.352	0.698	0.670	6.23	12.0	7
8	2.92 B	0.758B	0.674B	16.2	1.97	0.715	0.474	0.334	0.957	0.658	4.50	8.44	8
9	2.65 B	0.752B	0.674B	13.2	4.12	0.660	0.424	0.327	0.879	0.704	3.44	5.65B	9
10	2.42 B	0.745B	0.920B	15.3	5.35	0.551	0.381	0.262	0.756	0.777	2.68	4.60B	10
11	2.22 B	0.739B	1.13 B	19.1	3.66	0.497	0.447	0.243	0.675	0.744	2.24	3.80B	11
12	2.09 B	0.727B	2.30 B	19.4	2.70	0.439	0.805	0.247	0.612	0.717	2.50	2.90B	12
13	1.90 B	0.720B	3.90 B	25.9	2.20	0.455	0.921	0.243	0.527	0.699	3.56	2.40B	13
14	1.71 B	0.712B	5.80 B	32.4	1.85	0.441	0.660	0.247	0.468	0.808	3.25	1.90B	14
15	1.57 B	0.705B	5.00 B	28.1	1.59	0.389	0.510	0.240	0.431	0.926	2.77	1.51B	15
16	1.45 B	0.702B	5.80 B	25.8	1.40	0.467	0.429	0.237	0.493	1.17	2.29	9.01	16
17	1.36 B	0.699B	4.90 B	26.7	1.29	0.578	0.363	0.206	0.504	1.13	2.06	24.8	17
18	1.28 B	0.696B	3.90 B	26.2	1.13	0.610	0.350	0.212	0.605	0.993	1.91	19.3 B	18
19	1.22 B	0.693B	3.95 B	17.2	1.05	0.545	0.366	0.214	0.599	0.906	1.72	14.7 B	19
20	1.17 B	0.690B	4.85 B	14.2	1.10	0.500	0.420	0.199	0.629	0.861	1.65	10.5 B	20
21	1.11 B	0.688B	4.60 B	30.5	1.10	0.817	0.389	0.202	0.600	0.809	1.66	6.80B	21
22	1.07 B	0.686B	5.80 B	21.3	0.950	1.99	0.332	0.226	0.531	0.781	1.92	4.30B	22
23	1.03 B	0.684B	7.40 B	14.1	0.834	2.14	0.292	0.329	0.584	0.779	2.20	2.70B	23
24	1.00 B	0.682B	8.80 B	10.6	0.857	1.67	0.260	0.271	0.590	0.743	3.07	1.67B	24
25	0.970B	0.680B	10.5 B	8.91	0.982	1.27	0.279	0.837	0.647	0.708	4.63	8.60B	25
26	0.940B	0.679B	12.0 B	7.61	0.991	1.19	0.268	2.15	0.675	0.660	3.53	41.4	26
27	0.920B	0.678B	14.0 B	6.75	0.930	1.21	0.225	1.88	0.735	0.649	2.50 B	26.6	27
28	0.900B	0.677B	11.5 B	5.77	0.823	0.974	0.220	1.03	0.727	0.668	2.27 B	18.0	28
29	0.880B		8.40 B	4.75	0.830	0.792	0.277	0.700	0.996	0.653	2.25	22.8	29
30	0.860B		8.10 B	4.07	0.875	0.733	0.259	0.546	0.943	0.652	3.75	14.4	30
31	0.845B		33.0 B		0.842		0.467	0.457		0.627		9.35B	31
TOTAL	46.250	20.358	171.828	937.56	57.134	24.805	14.169	15.665	19.481	24.716	91.558	358.63	TOTAL
MEAN	1.49	0.727	5.54	31.3	1.84	0.827	0.457	0.505	0.649	0.797	3.05	11.6	MEAN
MAX	3.20	0.830	33.0	147	5.35	2.14	0.921	2.15	0.996	1.17	9.89	41.4	MAX
MIN	0.845	0.677	0.674	4.07	0.823	0.389	0.220	0.199	0.419	0.627	0.622	1.51	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.88
MAXIMUM DAILY, 147B ON APR 1
MINIMUM DAILY, 0.199 ON AUG 20

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 15 43 N
LONG 75 20 40 W
DRAINAGE AREA, 433 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 000	JUL	1 220
FEB	1 760	AUG	1 350
MAR	14 800	SEP	1 680
APR	81 000	OCT	2 140
MAY	4 940	NOV	7 910
JUN	2 140	DEC	31 000

TOTAL DISCHARGE, 154 000 dam³

CAT RIVER BELOW WESLEYAN LAKE - STATION NO. 04GA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	36.2	33.5	27.1	23.6	31.1	97.4	125	86.5	58.9	39.2	42.3E	42.9E	1
2	36.1	33.3	27.:	23.7	33.2	99.0	124	85.6	58.4	39.3	42.2E	43.9E	2
3	36.3	33.3	27.0	24.1	35.7	100	122	85.1	57.6	39.8	42.2E	42.8E	3
4	36.3	32.8	26.8	24.3	39.1	102	121	85.3	56.4	40.4	42.1E	42.6E	4
5	36.3	32.8	26.6	24.2	44.2	102	119	84.8	55.2	40.7	42.1E	42.3E	5
6	36.3	32.4	26.3	24.0	47.4	102	119	83.9	55.3	40.6	42.0E	42.1E	6
7	36.2	32.4	26.3	24.1	49.6	105	118	83.3	53.0	40.1	42.0E	42.0E	7
8	36.0	32.3	26.0	24.1	51.6	106	116	83.5	51.9	40.6	41.9E	41.8E	8
9	36.1	32.0	26.1	23.9	53.4	107	115	83.7	51.7	40.5	41.9E	41.6E	9
10	35.7	31.7	25.7	23.9	55.2	115	113	82.5	51.0	40.7	41.8E	41.3E	10
11	35.8	31.6	25.6	23.8	57.8	119	112	81.7	50.4	41.5	41.8E	41.0E	11
12	36.1	31.3	25.3	23.5	59.1	121	110	80.3	49.9	41.5	41.7E	40.7E	12
13	36.0	31.0	25.6	23.5	60.2	122	108	78.7	49.4	41.5	41.7E	40.4E	13
14	35.9	30.7	25.7	23.1	61.5	124	106	78.1	48.6	41.9	41.6E	40.2E	14
15	36.0	30.5	25.4	23.3	63.2	125	104	76.7	47.8	42.2	41.6E	40.1E	15
16	35.8	30.4	25.3	23.4	64.8	126	102	76.0	46.9	42.2E	41.5E	40.0E	16
17	35.7	30.2	25.1	23.3	67.0	127	101	75.8	46.3	42.2E	41.5E	39.8E	17
18	35.3	30.2	24.9	23.3	70.2	128	100	73.6	45.2	42.3E	41.4E	39.6E	18
19	35.2	30.0	24.9	23.2	73.7	128	98.1	73.1	44.5	42.3E	41.4E	39.4E	19
20	35.4	30.0	24.9	22.7	75.9	129	96.4	72.7	43.9	42.5E	41.6E	39.2E	20
21	35.4	29.6	24.9	22.8	77.8	129	94.7	71.4	43.2	42.5E	41.8E	39.0E	21
22	35.3	29.2	24.7	22.9	79.8	129	92.3	70.3	42.2	42.5E	42.0E	38.8E	22
23	35.2	28.8	24.4	23.2	81.9	128	90.4	69.0	41.9	42.6E	42.2E	38.6E	23
24	34.9	28.1	24.4	23.8	83.8	129	91.2	67.7	41.6	42.6E	42.4E	38.4E	24
25	34.8	27.8	24.2	24.6	85.6	129	90.5	66.1	41.0	42.6E	42.5E	38.2E	25
26	34.8	27.7	24.0	25.1	86.9	128	89.5	64.7	40.4	42.5E	42.6E	38.0E	26
27	34.6	27.4	23.7	25.3	88.2	129	88.7	63.5	39.5	42.5E	42.7E	37.8E	27
28	34.3	27.3	23.9	26.0	90.0	128	87.9	62.8	39.2	42.4E	42.8E	37.6E	28
29	34.1		23.6	27.4	92.0	127	87.4	61.8	39.4	42.4E	42.8E	37.4E	29
30	33.8		23.5	29.2	94.1	126	87.7	60.6	39.3	42.4E	42.9E	37.2E	30
31	33.7		23.5		95.2		87.5	59.7		42.3E		37.0E	31
TOTAL	1 099.6	858.3	782.5	723.3	2 049.2	3 566.4	3 217.3	2 327.7	1 429.0	1 289.3	1 261.0	1 240.7	TOTAL
MEAN	35.5	30.7	25.2	24.1	66.1	119	104	75.1	47.6	41.6	42.0	40.0	MEAN
MAX	36.3	33.5	27.1	29.2	95.2	129	125	86.5	58.9	42.6	42.9	42.9	MAX
MIN	33.7	27.3	23.5	22.7	31.1	97.4	87.4	59.7	39.2	39.2	41.4	37.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 54.4
MAXIMUM DAILY, 129 ON JUN 20
MINIMUM DAILY, 22.7 ON APR 20
MAXIMUM INSTANTANEOUS,
130 AT 13:35 EST ON JUN 24

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 10 00 N
LONG 91 35 50 W
DRAINAGE AREA, 5 390 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	95 000	JUL	278 000
FEB	74 200	AUG	201 000
MAR	67 600	SEP	123 000
APR	62 500	OCT	111 000
MAY	177 000	NOV	109 000
JUN	308 000	DEC	107 000

TOTAL DISCHARGE, 1 710 000 dam³

CATARAQUI RIVER AT CHAFFEYS LOCKS - STATION NO. 02HA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.22	8.79	7.34	7.32	3.26	13.4	7.01	0.629	2.33	4.24	3.84	5.84	1
2	5.11	11.0	8.85	8.78	3.13	13.3	5.20	1.73	2.41	2.55	4.63	5.81	2
3	5.02	12.6	8.54	11.2	3.08	12.0	4.38	1.70	2.41	2.52	4.59	4.61	3
4	5.10	12.5	8.37	12.9	1.41	11.1	4.26	1.68	2.44	2.50	4.83	3.14	4
5	5.25	12.3	4.08	13.1	0.382	8.99	1.53	1.69	2.39	3.41	4.93	3.21	5
6	6.80	12.2	1.08	13.1	0.337	7.44	0.200	1.64	2.46	4.91	4.80	5.43	6
7	6.23	12.1	1.15	13.0	0.292	7.45	0.201	1.63	4.39	4.89	4.76	6.32	7
8	6.22	12.0	3.27	12.9	0.288	7.47	0.201	1.61	5.39	3.38	4.70	6.01	8
9	6.24	11.8	4.53	12.8	0.312	7.51	0.205	1.59	5.34	0.617	4.60	5.96	9
10	6.15	11.6	4.46	12.8	0.308	7.25	0.216	3.82	4.18	0.578	4.51	4.52	10
11	6.18	11.5	4.44	12.7	0.290	7.35	0.223	6.01	2.39	0.543	4.38	3.05	11
12	6.08	11.5	6.92	12.6	0.286	7.17	2.86	8.73	3.33	0.915	3.13	2.97	12
13	5.98	11.3	8.42	12.6	0.283	7.08	5.03	6.41	2.41	1.25	1.15	4.61	13
14	5.96	11.2	8.29	12.6	0.288	6.72	4.98	4.97	2.47	1.26	1.12	5.57	14
15	5.86	8.44	8.32	12.4	0.297	6.60	4.95	4.94	2.55	0.914	3.15	5.52	15
16	5.69	6.44	6.34	10.5	0.293	6.66	4.92	3.19	2.51	0.504	4.31	5.62	16
17	5.69	6.37	5.17	9.17	0.279	6.67	4.86	2.14	2.50	0.485	6.14	4.73	17
18	5.59	5.52	5.33	9.25	0.279	6.80	4.83	2.09	2.55	1.00	7.09	3.16	18
19	5.55	6.07	5.02	8.98	0.275	6.76	4.83	2.08	2.61	3.57	5.86	3.18	19
20	5.49	6.12	4.86	7.37	0.997	5.49	4.73	2.21	2.63	4.55	3.96	4.66	20
21	5.49	6.02	4.93	6.33	3.01	4.62	4.60	2.11	4.12	4.58	3.92	5.45	21
22	5.54	8.56	4.66	6.50	1.56	4.67	3.04	1.98	5.63	2.86	5.78	5.34	22
23	5.62	10.2	4.32	6.44	1.60	4.67	1.28	1.91	5.57	0.377	6.78	5.26	23
24	5.58	9.89	4.37	6.28	1.75	4.64	1.23	1.89	5.47	0.365	7.00	3.15	24
25	7.55	9.32	4.01	6.33	1.88	4.60	0.772	2.18	3.51	3.25	6.86	1.79	25
26	9.71	6.79	5.88	5.87	4.07	4.64	0.272	2.26	2.52	4.76	5.34	2.02	26
27	9.29	5.06	7.21	5.49	7.82	4.60	0.271	2.30	4.46	4.73	3.55	2.07	27
28	8.91	5.07	7.47	5.45	9.42	4.55	0.277	2.30	5.44	4.74	3.42	2.17	28
29	8.59		7.78	5.33	12.4	4.33	0.275	2.26	5.35	2.95	5.19	2.28	29
30	8.54		6.69	4.00	13.8	7.15	0.271	2.23	5.21	0.407	6.30	4.58	30
31	8.51		6.19		13.6		0.281	2.26		0.407		4.27	31
TOTAL	198.74	262.26	178.29	283.99	87.276	213.68	78.185	84.169	105.95	74.812	139.68	133.34	TOTAL
MEAN	6.41	9.37	5.75	9.47	2.82	7.12	2.52	2.72	3.53	2.39	4.66	4.27	MEAN
MAX	9.71	12.6	8.85	13.1	13.8	13.4	7.01	8.73	5.63	4.91	7.09	6.32	MAX
MIN	5.02	5.06	1.08	4.00	0.375	4.55	0.200	0.629	2.33	0.365	1.12	1.79	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.04
MAXIMUM DAILY, 13.8 ON MAY 30
MINIMUM DAILY, 0.200 ON JUL 6
MAXIMUM INSTANTANEOUS,
18.2 AT 09:40 EST ON MAY 29

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 36 43 N
LONG 76 19 13 W
DRAINAGE AREA, 394 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 200	JUL	6 760
FEB	22 700	AUG	7 270
MAR	15 400	SEP	9 150
APR	26 500	OCT	6 390
MAY	7 540	NOV	12 100
JUN	18 500	DEC	11 600

TOTAL DISCHARGE, 159 000 dam³

CATFISH CREEK NEAR SPARTA - STATION NO. 02GC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.40 B	0.530B	0.455B	23.0	1.46	5.61	2.37	0.714	0.319	0.680E	6.40E	11.5 E	1
2	3.20 B	0.515B	0.460B	9.53	1.62	3.36	1.68	1.37	0.314	0.440E	29.0 E	8.00E	2
3	3.05 B	0.510B	0.465B	18.1	1.33	2.37	1.35	1.68	0.311	0.410E	17.0 E	7.30E	3
4	20.6	0.505B	0.480B	12.3	1.25	1.92	1.22	0.872	0.304	0.350E	20.0 E	21.0 E	4
5	19.5	0.500B	0.850B	6.17	1.21	8.35	1.11	0.678	0.286	0.300E	9.80E	24.0 E	5
6	10.2	0.495B	0.840B	4.94	1.12	7.62	0.995	0.557	0.280	0.280E	6.30E	65.0 E	6
7	7.23	0.490B	0.810B	4.74	1.09	4.12	0.870	0.477	0.287	0.480E	4.30E	23.0 E	7
8	4.20 B	0.490B	0.771B	4.86	1.21	3.05	0.798	1.06	0.233	0.400E	3.30E	10.5 E	8
9	2.50 B	0.490B	0.730B	7.82	1.26	2.35	0.715	2.31	0.269	0.570E	2.75E	8.00E	9
10	1.65 B	0.485B	0.720B	8.57	1.12	1.95	0.636	1.23	0.269	0.550E	2.20E	5.90E	10
11	1.10 B	0.485B	1.00 B	6.97	1.03	1.58	0.589	0.774	0.270	0.520E	8.00E	4.80E	11
12	0.850B	0.485B	4.00 B	8.73	0.972	1.34	0.559	0.622	0.286	0.510E	28.5 E	3.60E	12
13	0.750B	0.490B	15.5 B	9.92	0.903	1.27	0.527	0.514	0.294	0.490E	17.0 E	2.95E	13
14	0.670B	0.495B	101	7.47	0.851	1.17	0.499	0.441	0.291	0.540E	10.0 E	2.80E	14
15	0.610B	0.500B	62.8	5.54	0.818	2.59	0.492	0.422	0.297	0.700E	6.00E	3.50E	15
16	0.570B	0.510B	42.1	4.79	0.783	5.01	0.414	0.380	0.296	2.00 E	4.20E	50.0 E	16
17	0.545B	0.485B	46.5	14.1	0.773	2.08	0.384	0.352	0.298	9.00 E	3.30E	22.5 E	17
18	0.525B	0.480B	24.0	8.50	0.734	1.65	0.395	0.326	0.454	11.0 E	2.85E	7.80E	18
19	0.520B	0.470B	18.8	5.07	0.846	1.66	0.410	0.316	0.220E	7.20 E	2.30E	6.20E	19
20	0.520B	0.465B	16.8	4.66	0.787	1.68	0.428	0.366	0.211E	6.00 E	4.00E	7.60E	20
21	0.510B	0.465B	19.1	6.55	0.704	3.61	0.404	0.332	0.210E	7.40 E	63.0 E	6.80E	21
22	0.530B	0.465B	15.0	4.44	0.719	3.30	0.375	0.297	0.350E	7.70 E	35.0 E	5.60E	22
23	0.570B	0.460B	15.5	3.20	0.756	2.27	0.349	0.314	0.920E	6.70 E	17.0 E	9.00E	23
24	0.585B	0.455B	14.8	2.64	0.721	1.62	0.340	0.318	1.00 E	5.40 E	34.0 E	66.0 E	24
25	0.560B	0.455B	12.6	2.30	0.681	1.29	0.333	0.583	4.00 E	3.70 E	15.0 E	90.0 E	25
26	0.520B	0.455B	9.90	2.08	0.715	2.13	0.267	0.538	3.20 E	0.650E	7.80E	68.0 E	26
27	0.500B	0.455B	7.13	1.95	41.7	2.23	0.538	0.433	6.10 E	0.390E	6.00E	19.0 E	27
28	0.500B	0.455B	5.17	1.77	15.3	1.53	1.18	0.356	7.00 E	0.350E	4.50E	33.0 E	28
29	0.495B		5.22	1.66	4.65	10.4	0.770	0.328	1.50 E	0.400E	36.0 E	20.0 E	29
30	0.500B		8.54	1.54	4.65	4.56	0.545	0.331	0.940E	0.440E	23.0 E	8.80E	30
31	0.515B		52.3		4.22		0.556	0.327		0.460E		5.50E	31
TOTAL	85.775	13.530	508.331	204.81	95.757	97.47	22.078	19.628	30.979	76.010	450.40	627.65	TOTAL
MEAN	2.77	0.483	16.3	6.83	3.09	3.25	0.712	0.633	1.03	2.45	15.0	20.2	MEAN
MAX	20.6	0.520	101	23.0	41.7	10.4	2.37	2.31	7.00	11.0	63.0	90.0	MAX
MIN	0.495	0.455	0.455	1.54	0.681	1.17	0.267	0.297	0.210	0.280	2.20	2.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.11
MAXIMUM DAILY, 101 ON MAR 14
MINIMUM DAILY, 0.210E ON SEP 21
MAXIMUM INSTANTANEOUS,
151 AT 00:01 EST ON MAR 14

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 44 46 N
LONG 81 03 29 W
DRAINAGE AREA, 287 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 410	JUL	1 910
FEB	1 170	AUG	1 700
MAR	43 600	SEP	2 680
APR	17 700	OCT	6 570
MAY	8 270	NOV	38 900
JUN	8 420	DEC	54 200

TOTAL DISCHARGE, 193 000 dam³

CEDAR CREEK AT WOODSTOCK - STATION NO. 02GD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.369	0.181	0.257B	16.2	0.354	0.875	0.734	0.193	0.216	0.325	0.304	2.14	1
2	0.480	0.239	0.252B	6.48	0.370	0.787	0.540	0.272	0.226	0.296	0.845	1.56	2
3	0.401	0.273	0.248	6.27	0.387	0.678	0.417	0.206	0.219	0.274	1.51	1.33	3
4	1.16	0.241	0.258	5.69	0.393	0.572	0.372	0.212	0.218	0.239	1.81	1.76	4
5	2.35	0.241	0.326	2.94	0.405	0.904	0.326	0.209	0.209	0.232	1.34	2.49	5
6	1.83	0.234	0.280	2.04	0.422	2.20	0.291	0.262	0.205	0.233	0.965	6.53	6
7	1.26	0.233B	0.267	1.81	0.406	2.00	0.279	0.206	0.203	0.269	0.689	5.33	7
8	0.802	0.237	0.228B	1.63	0.564	1.39	0.255	0.244	0.196	0.282	0.554	3.37	8
9	0.779	0.260	0.212	1.97	0.465	0.973	0.243	0.213	0.189	0.275	0.453	1.96	9
10	0.608	0.295	0.238	2.16	0.401	0.745	0.240	0.204	0.191	0.270	0.401	1.49	10
11	0.280	0.287	0.594	1.92	0.388	0.595	0.235	0.201	0.196	0.353	0.728	1.14	11
12	0.270B	0.268	0.910	2.09	0.368	0.519	0.215	0.198	0.192	0.320	1.34	0.850	12
13	0.272B	0.254	2.76	2.72	0.341	0.526	0.212	0.201	0.187	0.296	1.44	0.754	13
14	0.270B	0.247	7.17	2.75	0.363	0.453	0.224	0.205	0.184	0.296	1.16	0.521	14
15	0.269B	0.290	9.22	2.04	0.364	0.482	0.211	0.198	0.194	0.277	0.918	0.695	15
16	0.270B	0.332	8.44	1.67	0.344	0.777	0.198	0.191	0.200	0.277	0.762	2.71	16
17	0.272B	0.331	8.91	3.19	0.301	0.684	0.251	0.181	0.199	0.257	0.667	3.14	17
18	0.273B	0.311	8.25	3.49	0.296	0.556	0.225	0.178	0.226	0.245	0.597	1.64	18
19	0.272B	0.305	6.81	2.33	0.334	0.597	0.210	0.179	0.207	0.250	0.953	1.12	19
20	0.266B	0.333	5.75	2.13	0.322	0.607	0.199	0.174	0.199	0.310	0.655	0.998	20
21	0.264B	0.363	6.10	2.43	0.292	0.959	0.197	0.183	0.195	0.256	1.79	0.984	21
22	0.270B	0.348	5.61	1.71	0.335	0.855	0.191	0.189	0.234	0.234	3.15	0.823	22
23	0.309	0.318	7.34	1.29	0.366	0.686	0.200	0.181	0.281	0.239	2.88	0.816	23
24	0.327	0.302B	8.14	1.06	0.325	0.547	0.199	0.177	0.279	0.229	2.76	2.38	24
25	0.326	0.293B	8.90	0.986	0.297	0.455	0.200	1.48	0.433	0.226	2.60	6.71	25
26	0.279	0.285B	4.26	0.739	0.293	0.413	0.189	0.548	0.359	0.227	1.54	8.64	26
27	0.257	0.273B	3.59	0.370	0.428	0.386	0.189	0.384	0.656	0.229	1.16	5.21	27
28	0.248	0.269B	1.89	0.271	2.72	0.324	0.220	0.306	0.638	0.229	1.00	4.27	28
29	0.231		1.96	0.161	2.97	0.949	0.199	0.262	0.501	0.229	1.83	3.73	29
30	0.228		3.85	0.302	1.52	1.03	0.194	0.238	0.395	0.236	2.64	2.15	30
31	0.149		36.0		0.996		0.196	0.216		0.236		1.40	31
TOTAL	15.951	7.833	185.480	80.749	18.130	23.524	8.051	8.227	8.027	8.156	39.441	78.541	TOTAL
MEAN	0.502	0.280	4.69	2.69	0.585	0.784	0.260	0.265	0.268	0.263	1.31	2.53	MEAN
MAX	2.35	0.363	36.0	16.2	2.97	2.20	0.734	1.48	0.656	0.353	3.15	8.64	MAX
MIN	0.149	0.181	0.212	0.161	0.292	0.324	0.189	0.174	0.184	0.236	0.304	0.521	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.21
MAXIMUM DAILY, 36.0 ON MAR 31
MINIMUM DAILY, 0.149 ON JAN 31
MAXIMUM INSTANTANEOUS,
53.5 AT 11:27 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 39 N
LONG 80 46 06 W
DRAINAGE AREA, 93.2 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 340	JUL	696
FEB	677	AUG	711
MAR	12 600	SEP	684
APR	6 980	OCT	705
MAY	1 570	NOV	3 410
JUN	2 030	DEC	6 790

TOTAL DISCHARGE, 38 280 dam³

CEDAR RIVER BELOW WABASKANG LAKE - STATION NO. 05QH008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.72E	5.29	5.26	5.36	10.3	12.9	16.6	19.2	13.7	10.5	10.4	8.81	1
2	4.81	5.25A	5.32	5.52	10.1	13.0	16.5	18.8	13.7	10.6	10.3	8.86	2
3	4.82	5.26E	5.17	5.58	9.80	12.9	17.0	18.6	13.6	11.0	10.3	8.85	3
4	4.82	5.27E	5.29	5.56	9.51	13.0	17.4	18.6	13.3	11.2	10.0	8.80	4
5	4.98	5.28E	5.36	5.47	9.80	13.0	18.1	18.5	13.2	11.5	9.78	8.87	5
6	4.86	5.29E	5.28	5.36	9.77	12.9	18.2	18.4	13.0	11.3	9.72	8.77	6
7	4.79	5.30E	5.27	5.40	9.73	13.0	18.4	18.3	12.6	11.5	9.64	8.76	7
8	4.91	5.30E	5.24	5.38	9.61	13.1	18.6	18.3	12.6	12.1	9.59	8.64	8
9	4.79	5.31E	5.26	5.36	9.69	13.5	18.8	18.3	12.3	12.0	9.41	8.58	9
10	4.86	5.32E	5.30	5.29	9.39	15.3	18.5	17.8	12.1	12.2	9.29	8.56	10
11	5.26	5.33E	5.31	5.31	9.57	16.4	18.9	17.7	11.9	12.7	9.28	8.41	11
12	5.23	5.34E	5.39	5.35	9.75	16.8	19.4	17.4	11.7	13.0	9.20	8.31	12
13	5.22	5.35E	5.42	5.46	9.35	17.5	19.4	17.1	11.7	13.0	9.08	8.32	13
14	5.26	5.36E	5.49	5.32	9.33	17.3	19.4	16.7	11.7	12.9	9.05	8.36	14
15	5.30	5.37A	5.54	5.52	9.70	17.0	19.4	16.8	11.4	12.9	9.02	8.23	15
16	5.19	5.32	5.56	5.65	10.4	16.7	19.1	16.4	11.3	12.5	9.07	8.22	16
17	5.27	5.41	5.58	5.66	10.4	16.7	19.7	15.9	11.2	12.3	8.98	8.31	17
18	5.34	5.46	5.63	5.55	10.8	16.6	20.2	15.9	11.0	12.3	9.00	8.36	18
19	5.31	5.43	5.61	5.59	12.3	16.3	20.1	16.1	10.9	12.1	9.06	8.39	19
20	5.37	5.42	5.58	5.47	13.7	16.6	20.3	15.8	10.7	11.8	9.10	8.35	20
21	5.30	5.43	5.58	5.62	14.1	16.4	20.1	15.5	10.5	11.4	9.03	8.27	21
22	5.32	5.42	5.59	5.82	14.1	16.2	19.9	15.3	10.2	11.3	9.02	8.27	22
23	5.32	5.29	5.57	6.41	13.7	16.2	19.7	15.0	10.5	11.0	9.01	8.33	23
24	5.40	5.30	5.62	7.84	13.4	16.4	20.2	14.9	10.3	11.0	8.81	8.34	24
25	5.34	5.24	5.57	9.91	13.2	16.4	20.2	14.8	10.2	10.8	8.80	8.27	25
26	5.35	5.25	5.52	10.7	12.9	16.3	20.2	14.5	10.3	10.7	8.81	8.17	26
27	5.32	5.20	5.59	11.0	12.7	16.5	19.9	14.3	10.1	10.9	8.76	8.23	27
28	5.31	5.19	5.56	10.7	12.8	16.7	19.6	14.1	10.1	10.8	8.77	8.19	28
29	5.37		5.44	10.4	12.7	16.5	19.6	14.0	10.5	10.8	8.81	8.15	29
30	5.37		5.51	10.5	12.8	16.5	19.5	14.1	10.6	10.7	8.81	8.13	30
31	5.30		5.54		12.7		19.5	13.7		10.5		8.07	31
TOTAL	159.81	148.98	168.93	197.94	348.10	464.6	592.3	510.8	346.9	359.3	277.82	261.18	TOTAL
MEAN	5.16	5.32	5.45	6.60	11.2	15.5	19.1	16.5	11.6	11.6	9.26	8.43	MEAN
MAX	5.40	5.46	5.63	11.0	14.1	17.5	20.3	19.2	13.7	13.0	10.4	8.87	MAX
MIN	4.72	5.19	5.17	5.28	9.33	12.9	16.4	13.7	10.1	10.5	8.76	8.07	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.5
MAXIMUM DAILY, 20.3 ON JUL 20
MINIMUM DAILY, 4.72E ON JAN 1
MAXIMUM INSTANTANEOUS,
20.4 AT 11:03 CST ON JUL 24

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 30 30 N
LONG 93 15 30 W
DRAINAGE AREA, 1 690 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 800	JUL	51 200
FEB	12 900	AUG	44 100
MAR	14 600	SEP	30 000
APR	17 100	OCT	31 000
MAY	30 100	NOV	24 000
JUN	40 100	DEC	22 600

TOTAL DISCHARGE, 332 000 dam³

CHIPPEWA CREEK AT NORTH BAY - STATION NO. 02DD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.220B	0.155B	0.172B	1.70 B	1.43	0.516	0.146	0.126	0.958	0.285	0.242	0.752	1
2	0.220B	0.160B	0.172B	1.55 B	1.25	0.495	0.174	0.104	1.29	0.231	0.612	1.10	2
3	0.220B	0.160B	0.172B	1.40 B	1.08	0.329	0.151	0.100	1.38	0.286	0.976	2.03	3
4	0.225B	0.160B	0.172B	1.50 B	0.883	0.283	0.135	0.106	0.999	0.288	0.755	2.18	4
5	0.235B	0.160B	0.172B	1.45 B	0.777	0.232	0.124	0.134	0.761	0.310	1.13	2.05	5
6	0.258B	0.165B	0.172B	1.40 B	0.820	0.204	0.138	0.092	1.23	0.230	0.981	3.84	6
7	0.250B	0.165B	0.172B	1.30 B	0.716	0.177	0.136	0.083	0.710	0.758	0.673	1.85	7
8	0.240B	0.165B	0.172B	0.960B	0.768	0.169	0.128	0.118	0.503	1.39	0.505	1.00 B	8
9	0.230B	0.170B	0.172B	0.870B	0.648	0.154	0.103	0.232	0.358	1.32	0.413	0.700B	9
10	0.220B	0.170B	0.172B	0.820B	0.531	0.184	0.094	0.151	0.303	0.911	0.385	0.580B	10
11	0.210B	0.173B	0.175B	0.920B	0.488	0.188	0.218	0.116	0.230	0.786	0.523	0.500B	11
12	0.200B	0.173B	0.190B	1.20 B	0.465	0.176	0.281	0.118	0.204	0.728	2.00	0.430B	12
13	0.190B	0.173B	0.250B	4.10 B	0.407	1.05	0.303	0.126	0.190	0.726	1.65	0.380B	13
14	0.180B	0.173B	0.320B	4.10 B	0.370	0.489	0.226	0.092	0.536	0.989	1.02	0.355B	14
15	0.175B	0.173B	0.400B	3.80 B	0.342	0.393	0.182	0.086	0.389	1.50	0.788B	0.380B	15
16	0.170B	0.173B	0.430B	4.32	0.329	0.545	0.185	0.077	0.764	0.958	0.690B	0.447B	16
17	0.165B	0.173B	0.450B	7.70	0.307	0.375	0.159	0.093	0.624	0.721	0.620	0.360B	17
18	0.158B	0.173B	0.413B	5.30	0.337	0.320	0.136	0.077	1.78	0.630	0.572	0.300B	18
19	0.154B	0.173B	0.390B	3.11	0.385	0.595	0.130	0.122	1.02	0.592	0.577	0.260B	19
20	0.152B	0.173B	0.385B	2.65	0.349	0.679	0.093	0.105	0.699	0.651	0.741	0.240B	20
21	0.150B	0.173B	0.420B	2.85	0.290	0.459	0.086	0.160	0.541	0.822	0.975	0.220B	21
22	0.150B	0.173B	0.410B	2.06	0.257	0.432	0.087	0.453	0.451	0.615	0.753	0.210B	22
23	0.150B	0.173B	0.450B	2.21	0.241	0.328	0.085	0.886	0.322	0.499	0.948	0.210B	23
24	0.150B	0.173B	0.500B	2.91	0.322	0.285	0.077	0.473	0.268	0.433	0.893	0.270B	24
25	0.150B	0.173B	0.550B	3.53	0.324	0.373	0.091	0.303	0.290	0.418	0.695	3.00 B	25
26	0.150B	0.173B	0.660B	3.31	0.283	0.330	0.077	0.229	0.259	0.498	0.600B	6.99	26
27	0.150B	0.173B	0.590B	2.30	0.241	0.249	0.076	0.393	0.331	0.533	0.560B	2.59	27
28	0.150B	0.173B	0.550B	1.88	0.232	0.220	0.286	0.246	0.306	0.393	0.520B	3.98	28
29	0.155B		0.520B	1.59	0.216	0.189	0.216	0.193	0.277	0.313	0.508B	2.77	29
30	0.155B		0.550B	1.51	0.218	0.185	0.177	0.175	0.257	0.279	0.492	1.40 B	30
31	0.155B		1.50 B		0.217		0.140	0.180		0.244		0.960B	31
TOTAL	5.737	4.744	11.833	74.300	15.513	10.603	4.648	5.949	18.130	19.337	22.785	42.294	TOTAL
MEAN	0.185	0.169	0.381	2.48	0.500	0.353	0.150	0.192	0.604	0.624	0.760	1.36	MEAN
MAX	0.258	0.173	1.50	7.70	1.43	1.05	0.303	0.886	1.78	1.50	2.00	6.99	MAX
MIN	0.150	0.155	0.172	0.820	0.216	0.154	0.076	0.077	0.190	0.230	0.242	0.210	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.646
MAXIMUM DAILY, 7.70 ON APR 17
MINIMUM DAILY, 0.076 ON JUL 27
MAXIMUM INSTANTANEOUS,
15.3 AT 01:32 EST ON DEC 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 38 N
LONG 79 27 00 W
DRAINAGE AREA, 37.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	496	JUL	401
FEB	410	AUG	514
MAR	1 020	SEP	1 570
APR	6 420	OCT	1 670
MAY	1 340	NOV	1 970
JUN	916	DEC	3 650

TOTAL DISCHARGE, 20 400 dam³

CHURCHILL RIVER NEAR BAR PALLS - STATION NO. 05QC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.5B	10.7B	10.1B	10.0B	40.0	86.6	78.1	27.3	25.6	7.26	27.2	17.3	1
2	10.5B	10.6B	10.1B	10.4B	54.5	88.1	75.6	25.2	27.0	7.28	27.5	16.7	2
3	10.6B	10.6B	10.1B	10.4B	54.7	87.8	75.0	25.5	27.2	8.12	27.8	16.9	3
4	10.9B	10.6B	10.1B	10.4B	54.1	87.2	73.8	26.7	26.5	8.54	27.7	16.9	4
5	10.8B	10.5B	10.0B	10.5B	55.5	85.0	65.5	28.5	26.2	9.44	26.7	16.7	5
6	10.9B	10.5B	10.0B	10.5B	55.1	83.4	51.6	30.6	25.5	9.49	25.9	16.8	6
7	10.7B	10.5B	10.0B	10.5B	58.1	83.6	52.0	32.3	24.7	9.30	24.2	16.6	7
8	10.7B	10.5B	10.0B	10.5B	68.6	87.5	51.6	35.9	25.2	9.89	24.6	16.7	8
9	10.8B	10.5B	10.0B	10.6B	68.2	88.5	49.4	36.3	25.5	9.92	23.8	16.6	9
10	10.7B	10.4B	10.0B	10.6B	67.0	90.0	47.7	34.2	25.7	10.2	21.8	16.5	10
11	11.3B	10.4B	10.0B	10.6B	68.8	99.2	47.5	33.7	25.1	11.9	22.0	16.2	11
12	11.0B	10.4B	10.0B	10.6B	70.5	98.8	47.1	31.1	25.9	13.0	24.2	15.9B	12
13	10.8B	10.4B	10.1B	10.7B	69.2	96.1	46.4	33.5	25.4	17.1	22.7	15.8B	13
14	11.0B	10.3B	10.2B	11.1B	70.0	94.2	43.9	34.2	30.4	32.0	20.4	15.6B	14
15	11.0B	10.3B	10.3B	11.5B	70.1	91.9	39.8	36.3	26.2	35.0	19.7	15.4B	15
16	10.9B	10.3B	10.3B	11.9B	69.0	89.0	24.3	36.6	10.0	33.7	23.0	15.4B	16
17	10.8B	10.2B	10.3B	12.6B	69.2	86.9	21.8	35.4	6.76	31.1	33.3	15.3B	17
18	10.9B	10.3B	10.2B	13.5B	75.6	85.9	23.3	34.0	5.64	31.5	34.9	15.2B	18
19	11.2B	10.3B	10.2B	14.8B	90.1	84.4	23.7	35.1	5.18	32.5	34.7	15.0B	19
20	11.2B	10.2B	10.2B	16.2B	91.9	83.1	23.3	34.4	5.04	32.3	35.3	15.0B	20
21	11.1B	10.2B	10.2B	17.1B	93.6	81.8	24.1	52.2	4.89	30.8	36.8	14.8B	21
22	11.1B	10.2B	10.3B	19.1B	98.6	80.3	23.8	51.0	4.78	29.1	36.1	14.7B	22
23	11.0B	10.2B	10.3B	24.9B	95.0	79.1	22.6	50.3	4.86	27.8	33.5	14.6B	23
24	10.9B	10.2B	10.3B	31.8	92.4	82.3	23.5	49.8	5.44	27.9	33.4	14.6B	24
25	10.9B	10.1B	10.3B	33.3	88.5	83.9	26.3	48.4	5.41	27.7	33.9	14.5B	25
26	10.9B	10.1B	10.4B	32.5	84.2	83.7	25.6	47.2	5.13	26.9	32.7	14.3B	26
27	10.9B	10.1B	10.4B	31.0	82.2	84.1	25.8	43.6	5.43	26.5	31.8	14.2B	27
28	10.8B	10.1B	10.4B	28.9	80.9	83.1	25.9	29.1	4.94	27.0	32.3	14.2B	28
29	10.5B		10.4B	27.6	79.2	81.7	26.9	25.8	4.82	27.8	29.5	14.1B	29
30	10.8B		10.4B	29.1	80.6	80.5	28.3	26.3	6.28	29.4	19.2	14.0B	30
31	10.7B		10.4B		80.2		27.8	26.0		29.3		14.0B	31
TOTAL	337.0	289.7	316.0	503.8	2 275.6	2 605.7	1 242.0	1 236.5	476.70	669.74	846.6	480.5	TOTAL
MEAN	10.9	10.3	10.2	16.8	73.4	86.9	40.1	39.9	15.9	21.6	28.2	15.5	MEAN
MAX	11.3	10.7	10.4	33.3	98.6	99.2	78.1	56.6	30.4	35.0	36.8	17.3	MAX
MIN	10.5	10.1	10.0	10.4	40.0	79.1	21.8	25.2	4.78	7.26	19.2	14.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.9
MAXIMUM DAILY, 99.2 ON JUN 11
MINIMUM DAILY, 4.78 ON SEP 22
MAXIMUM INSTANTANEOUS,
100 AT 16:38 CST ON JUN 10

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 20 N
LONG 93 29 00 W
DRAINAGE AREA, 4 920 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	29 100	JUL	107 000
FEB	25 000	AUG	107 000
MAR	27 300	SEP	41 200
APR	43 500	OCT	57 900
MAY	197 000	NOV	73 100
JUN	225 000	DEC	41 500

TOTAL DISCHARGE, 975 000 dam³

CLYDE RIVER AT GORDON RAPIDS - STATION NO. 03KF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.74	1.93	1.34	4.31	10.6	3.80E	1.39	0.374	0.374	0.227E	0.281E	2.87	1
2	2.68	1.87	1.33	5.31	9.96	3.50E	1.30	0.341	0.369	0.236E	0.397E	3.07	2
3	2.61	1.94	1.38	6.30	9.12	3.12E	1.20	0.334	0.338	0.236E	0.702E	3.52	3
4	2.70	2.03	1.41	7.68	8.32	2.79E	1.13	0.330	0.326	0.245E	0.921E	4.33	4
5	2.85	2.02	1.32	8.82	6.86	2.71E	1.07	0.308	0.291	0.254E	0.759E	4.22A	5
6	2.93	2.00	1.42	9.11	5.18	2.74E	1.00	0.323	0.309	0.263E	0.690E	4.65A	6
7	2.92	1.99	1.41	8.62	5.36	2.70E	0.948	0.290	0.308	0.263E	0.690E	4.75	7
8	2.83	2.04	1.43	8.30	5.76	2.52E	0.900	0.273	0.281	0.272E	0.599E	4.81	8
9	2.81	2.06	1.33	8.04	6.59	2.39E	0.830	0.330	0.267	0.272E	0.519E	4.90	9
10	2.71	1.98	1.32	7.92	6.00	2.27E	0.792	0.309	0.269	0.281A	0.576E	4.67	10
11	2.60	1.96	1.39	8.02	5.04	2.19E	0.776	0.314	0.245	0.333	0.781E	4.55	11
12	2.47	1.97	1.43	7.96	5.16E	2.08	0.725	0.299	0.233	0.436	0.907E	4.32	12
13	2.38	1.91	1.41	8.41	4.97E	1.93	0.686	0.325	0.232	0.530	0.949E	4.01	13
14	2.36	1.85	1.57	8.23	4.68E	1.83	0.656	0.342	0.234	0.565A	0.949E	3.84	14
15	2.28	1.81	1.67	8.21	4.35E	1.74	0.602	0.319	0.242	0.599E	0.949E	3.90	15
16	2.25	1.75	1.80	11.6	4.03E	1.83	0.581	0.334	0.240	0.553E	1.03 E	5.18	16
17	2.21	1.73	1.93	15.8	3.78E	1.78	0.531	0.318	0.233	0.496	1.06 A	5.95	17
18	2.19	1.72	2.19	20.5	3.50E	1.76	0.504	0.332	0.251	0.483	1.10	5.36	18
19	2.12	1.65	2.47	24.3	3.32E	1.86	0.553	0.321	0.239	0.425	1.06	4.99	19
20	2.04	1.65	2.36	23.9	3.12E	2.02	0.549	0.334	0.236	0.397A	1.07	4.78	20
21	2.00	1.59	2.33	28.7	2.85E	2.12	0.540	0.336	0.228	0.353E	1.12	4.66	21
22	1.95	1.53	2.26	32.7	2.65E	2.26	0.515	0.311	0.239	0.344E	1.23	4.50	22
23	1.96	1.47	2.26	29.3	2.78E	2.27	0.479	0.303	0.231	0.326E	1.33	4.39	23
24	1.92	1.37	2.28	23.9	2.96E	2.21	0.457	0.299	0.274	0.326E	1.87	4.39	24
25	1.93	1.33	2.39	20.6	2.96E	2.09	0.431	0.372	0.249	0.326E	2.16	4.78	25
26	1.98	1.32	2.68	18.4	2.88E	2.01	0.406	0.413	0.227	0.317E	2.57	6.27	26
27	1.92	1.31	2.70	16.7	3.00E	1.90	0.379	0.432	0.215	0.317E	3.33	7.08	27
28	1.82	1.33	2.65	15.3	3.70E	1.75	0.386	0.424	0.216A	0.299E	2.91	7.27	28
29	1.80		2.64	13.3	4.31E	1.66	0.381	0.404	0.222E	0.299E	2.75	7.91	29
30	1.81		2.70	11.1	4.25E	1.51	0.349	0.393	0.227E	0.281E	2.69	7.89	30
31	1.84		3.09		4.10E		0.362	0.386		0.281E		7.88	31
TOTAL	71.61	49.11	59.89	421.34	153.14	67.34	21.408	10.523	7.845	10.835	37.949	155.69	TOTAL
MEAN	2.31	1.75	1.93	14.0	4.91	2.24	0.691	0.339	0.262	0.350	1.26	5.02	MEAN
MAX	2.93	2.06	3.09	32.7	10.6	3.80	1.39	0.432	0.374	0.599	3.33	7.91	MAX
MIN	1.80	1.31	1.32	4.31	2.65	1.51	0.349	0.273	0.215	0.227	0.281	2.87	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.92
MAXIMUM DAILY, 32.7 ON APR 22
MINIMUM DAILY, 0.215 ON SEP 27
MAXIMUM INSTANTANEOUS,
33.7 AT 15:30 EST ON APR 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 08 04 N
LONG 76 37 52 W
DRAINAGE AREA, 380 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 190	JUL	1 850
FEB	4 250	AUG	909
MAR	5 170	SEP	678
APR	36 400	OCT	936
MAY	13 100	NOV	3 280
JUN	5 820	DEC	13 500

TOTAL DISCHARGE, 93 100 dam³

CLYDE RIVER NEAR LANARK - STATION NO. 02KF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.18B	3.05B	2.01B	13.9B	21.0	8.34	3.89	0.859E	0.490E	0.323E	0.780E	6.45E	1
2	5.15B	3.03B	2.07B	16.0B	19.7	7.83	3.58	0.877E	0.486E	0.331E	0.861E	6.80E	2
3	5.22B	3.01B	2.12B	16.9B	17.4	7.02	2.41	0.868E	0.456E	0.342E	1.30 E	9.31E	3
4	5.34B	3.00B	2.05B	17.5B	15.7	6.28	2.15	0.930E	0.430E	0.350E	2.10 E	10.5 E	4
5	5.34B	3.06B	2.02B	17.9B	14.4	5.74	2.24	0.839E	0.422E	0.350E	3.47 E	11.0	5
6	5.26B	3.05B	2.03B	18.0B	12.2	5.66	2.21	0.492E	0.432E	0.367E	3.38 E	11.0	6
7	5.13B	2.99B	2.10B	17.9B	10.8	5.94	2.02	0.542E	0.460E	0.373E	3.36 E	11.4	7
8	5.00B	2.93B	2.12B	17.7B	11.6	5.59	1.83	0.381E	0.504E	0.380E	3.20 E	10.7	8
9	4.68B	2.95B	2.16B	17.2B	10.8	5.26	1.63	0.462E	0.472E	0.388E	3.05 E	10.0	9
10	4.39B	2.85B	2.15B	16.8B	15.1	4.87	1.46	0.420E	0.408E	0.438E	2.90 E	9.19B	10
11	4.17B	2.78B	2.22B	16.7B	13.3	4.60	1.42	0.435E	0.438E	0.560E	2.72 E	8.13B	11
12	3.88B	2.70B	2.41B	16.7B	11.6	4.19	1.46	0.400E	0.372E	0.770E	2.53 E	8.08B	12
13	3.60B	2.60B	2.70B	16.8B	11.2	3.86	1.39	0.418E	0.338E	0.960E	2.50 E	8.04B	13
14	3.47B	2.60B	2.93B	17.1B	10.5	3.62	1.30	0.427E	0.339E	1.22 E	2.47 E	7.98B	14
15	3.35B	2.55B	3.30B	17.9B	9.69	3.52	1.16	0.400E	0.345E	1.21 E	2.40 E	8.00B	15
16	3.25B	2.49B	3.65B	19.0B	9.00	4.13	1.07	0.412E	0.341E	1.20 E	2.58 E	10.1	16
17	3.18B	2.42B	3.53B	21.0B	8.38	4.15	1.04	0.398E	0.330E	1.25 E	3.40 E	12.0 B	17
18	3.09B	2.36B	3.50B	36.0B	7.74	3.76	1.04	0.419E	0.390E	1.40 E	3.48 E	11.3 B	18
19	3.00B	2.23B	3.40B	50.0B	7.20	3.75	1.32	0.403E	0.458E	1.30 E	3.50 E	10.8 B	19
20	2.95B	2.13B	3.38B	51.8B	6.76	4.21	1.32	0.404E	0.438E	1.20 E	3.49 E	10.3 B	20
21	2.89B	2.05B	3.42B	60.2	6.34	4.74	1.13	0.420E	0.402E	1.09 E	3.46 E	9.92	21
22	2.87B	2.00B	3.60B	71.2	5.80	5.18	1.03	0.418E	0.522E	1.04 E	3.48 E	9.51B	22
23	2.92B	2.00B	4.00B	67.6	5.45	4.89	0.944	0.406E	0.448E	1.00 E	3.56 E	9.20B	23
24	2.85B	2.00B	4.02B	58.3	6.03	4.92	0.854	0.390E	0.600E	0.960E	3.90 E	9.49	24
25	2.75B	2.00B	3.99B	48.5	6.34	4.77	0.787	0.500E	0.440E	0.918E	4.60 E	10.8	25
26	2.73B	2.02B	3.99B	41.3	6.18	4.26	0.729	0.825E	0.380E	0.882E	5.22 E	15.7	26
27	2.74B	2.02B	4.07B	36.3	5.96	4.11	0.676	0.783E	0.352E	0.860E	5.48 E	17.2	27
28	2.79B	2.01B	4.30B	32.4	6.57	3.45	0.709	0.720E	0.300E	0.837E	5.68 E	17.5	28
29	2.90B		4.80B	28.5	9.00	3.40	0.765	0.640E	0.309E	0.813E	5.97 E	18.9	29
30	2.81B		5.68B	24.4	9.09	3.24	0.782	0.600E	0.317E	0.792E	6.20 E	21.8	30
31	2.92B		7.67B		8.77		0.789E	0.540E		0.760E		21.2	31
TOTAL	115.80	70.83	101.46	901.5	323.60	145.28	43.125	17.019	12.393	24.667	100.901	352.50	TOTAL
MEAN	3.74	2.53	3.27	30.1	10.4	4.84	1.39	0.549	0.413	0.796	3.36	11.4	MEAN
MAX	5.34	3.06	7.67	71.2	21.0	8.34	3.89	0.930	0.600	1.40	6.20	21.8	MAX
MIN	2.73	2.00	2.01	13.9	5.45	3.24	0.676	0.381	0.300	0.322	0.780	6.45	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.05
MAXIMUM DAILY, 71.2 ON APR 22
MINIMUM DAILY, 0.300E ON SEP 28
MAXIMUM INSTANTANEOUS,
72.6 AT 16:49 EST ON APR 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 02 46 N
LONG 76 24 03 W
DRAINAGE AREA, 614 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 080	JUL	3 730
FEB	6 120	AUG	1 470
MAR	8 770	SEP	1 070
APR	77 900	OCT	2 130
MAY	28 000	NOV	8 720
JUN	12 600	DEC	30 500

TOTAL DISCHARGE, 191 000 dam³

COLD CREEK AT ORLAND - STATION NO. 02HK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.90 B	1.08 B	0.920B	19.2	1.71	1.97	1.34	0.988	1.01	1.10	1.31	1.78	1
2	2.10 B	1.12 B	0.920B	15.2	1.66	1.75	1.25	1.57	1.08	1.06	2.06	1.66	2
3	2.25 B	1.11 B	0.920B	14.2	1.61	1.58	1.19	1.57	1.10	1.04	2.24	1.92	3
4	2.05 B	1.10 B	0.940B	18.6	1.58	1.46	1.17	1.21	1.05	1.06	3.18	2.65	4
5	2.70 B	1.09 B	0.980B	13.8	1.55	1.53	1.14	1.11	0.976	1.02	3.37	2.44	5
6	2.60 B	1.07 B	0.960B	7.53	1.53	3.37	1.10	1.07	0.949	0.997	2.14	2.91	6
7	2.15 B	1.04 B	0.940B	4.82	1.65	3.58	1.08	1.02	0.958	1.03	1.71	2.24	7
8	1.95 B	1.02 B	0.930B	3.98	1.92	2.20	1.06	0.994	0.950	1.66	1.56	1.79	8
9	1.80 B	1.00 B	0.920B	3.47	3.05	1.70	1.02	1.14	0.898	1.40	1.47	1.67	9
10	1.65 B	0.980B	0.930B	4.30	2.27	1.52	0.997	1.11	0.872	1.24	1.41	1.62B	10
11	1.55 B	0.960B	1.15 B	5.19	1.77	1.84	0.997	1.14	0.857	1.32	1.43	1.59B	11
12	1.45 B	0.950B	1.55 B	4.56	1.66	1.75	1.02	1.02	0.871	1.42	1.83	1.57B	12
13	1.38 B	0.940B	2.81	5.61	1.64	1.61	0.990	1.01	0.917	1.31	2.48	1.54	13
14	1.31 B	0.930B	3.91	7.29	1.57	1.75	0.964	1.07	0.860	1.25	1.89	1.49	14
15	1.25 B	0.950B	3.69	5.83	1.54	1.64	0.921	1.03	0.886	1.32	1.65	1.66	15
16	1.20 B	0.970B	3.62	5.04	1.47	2.43	0.881	1.02	0.897	1.33	1.51	4.06	16
17	1.16 B	0.948B	3.27	5.50	1.49	2.06	0.920	0.973	0.878	1.29	1.47	4.38	17
18	1.12 B	0.920B	3.18	7.50	1.40	1.64	0.968	0.940	0.975	1.24	1.43	3.45	18
19	1.09 B	0.950B	3.08	5.27	1.52	1.53	1.10	0.927	1.02	1.22	1.43	2.66	19
20	1.07 B	1.00 B	3.33	3.89	2.44	1.59	1.06	0.987	0.985	1.22	1.43	1.82	20
21	1.06 B	0.990B	3.76	6.65	1.83	2.01	0.967	0.989	0.948	1.27	1.90	1.55	21
22	1.05 B	0.980B	3.96	5.28	1.56	2.58	0.906	0.950	1.09	1.24	2.70	1.51B	22
23	1.08 B	0.970B	4.72	3.34	1.57	2.02	0.890	1.01	1.54	1.21	2.11	1.51	23
24	1.15 B	0.960B	5.18	2.70	1.89	1.58	0.868	0.998	1.55	1.20	3.05	1.85	24
25	1.10 B	0.950B	5.72	2.40	2.11	1.43	0.868	1.97	1.56	1.20	2.33	4.34	25
26	1.07 B	0.940B	6.41	3.19	1.75	1.97	0.881	2.26	1.36	1.21	1.88	6.57	26
27	1.04 B	0.930B	4.70	2.10	1.56	1.86	0.881	1.67	1.35	1.22	1.61	3.33	27
28	1.01 B	0.930B	4.48	1.96	3.18	1.50	1.12	1.17	1.48	1.23	1.73	2.96	28
29	0.980B		3.37	1.84	8.82	1.44	1.28	1.07	1.30	1.24	1.78	3.39	29
30	1.00 B		3.71	1.79	4.49	1.49	1.10	1.02	1.16	1.26	1.99	1.89B	30
31	1.04 B		9.88		2.50		1.02	1.03		1.25		1.65B	31
TOTAL	45.710	27.770	94.840	191.03	66.29	56.37	31.949	35.636	32.285	38.057	58.83	75.45	TOTAL
MEAN	1.47	0.992	3.06	6.37	2.14	1.88	1.03	1.16	1.08	1.23	1.93	2.43	MEAN
MAX	2.70	1.12	9.88	19.2	8.82	3.58	1.34	2.26	1.56	1.66	3.37	6.57	MAX
MIN	0.980	0.920	0.920	1.79	1.40	1.43	0.868	0.927	0.857	0.997	1.31	1.49	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.06
MAXIMUM DAILY, 19.2 ON APR 1
MINIMUM DAILY, 0.857 ON SEP 11
MAXIMUM INSTANTANEOUS,
20.2 AT 08:16 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 08 04 N
LONG 77 47 17 W
DRAINAGE AREA, 159 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 950	JUL	2 760
FEB	2 400	AUG	3 100
MAR	8 190	SEP	2 790
APR	16 500	OCT	3 290
MAY	5 730	NOV	5 010
JUN	4 870	DEC	6 520

TOTAL DISCHARGE, 65 100 dam³

COLD CREEK NEAR BOLTON - STATION NO. 02HC023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.333	0.355B	0.254	6.74	0.307	0.343	0.304	0.231	0.247	0.311	0.520	0.708	1
2	0.356	0.380B	0.250	2.58	0.311	0.343	0.282	0.254	0.254	0.302	0.929	0.594	2
3	0.310	0.408B	0.250B	4.48	0.312	0.313	0.267	0.252	0.258	0.290	0.791	0.623	3
4	0.621	0.440B	0.249B	2.00 B	0.308	0.316	0.259	0.291	0.245	0.290	1.12	0.790	4
5	0.764	0.483B	0.247B	1.20 B	0.306	0.371	0.247	0.252	0.243	0.275	0.988	1.14	5
6	0.701	0.420B	0.245B	0.900B	0.303	0.732	0.244	0.237	0.242	0.277	0.606	2.36	6
7	0.518	0.370B	0.242	0.770B	0.307	0.513	0.247	0.233	0.242	0.370	0.463	1.06	7
8	0.400B	0.340B	0.258B	0.670B	0.504	0.395	0.742	0.245	0.236	0.398	0.426	0.709	8
9	0.340B	0.320B	0.270B	0.680B	0.392	0.333	0.238	0.252	0.228	0.338	0.389	0.548	9
10	0.290B	0.305B	0.262B	0.677	0.346	0.293	0.239	0.251	0.233	0.309	0.352	0.440B	10
11	0.280B	0.292B	0.269	0.685	0.321	0.285	0.237	0.236	0.232	0.350	0.360	0.433	11
12	0.275B	0.280B	0.308	0.673	0.306	0.272	0.239	0.231	0.234	0.330	0.374	0.380B	12
13	0.271B	0.270B	1.67	0.777	0.304	0.276	0.236	0.236	0.238	0.331	0.401	0.353B	13
14	0.274B	0.260B	3.30	0.735	0.294	0.291	0.250	0.237	0.383	0.321	0.385	0.334	14
15	0.276B	0.250	3.01	0.690	0.291	0.339	0.229	0.227	0.361	0.328	0.361	0.364	15
16	0.280B	0.264	2.22	0.740	0.284	0.506	0.227	0.237	0.298	0.346	0.342	1.34	16
17	0.282B	0.253	2.24	1.42	0.284	0.354	0.247	0.233	0.306	0.366	0.341	0.550B	17
18	0.284B	0.256	2.29	1.08	0.274	0.327	0.259	0.226	0.472	0.347	0.327	0.486B	18
19	0.286B	0.269	2.89	0.747	0.284	0.548	0.268	0.239	0.318	0.325	0.338	0.462	19
20	0.288B	0.260	4.56	1.04	0.303	0.572	0.226	0.383	0.288	0.337	0.336	0.453	20
21	0.290B	0.272	3.64	1.07	0.279	0.757	0.223	0.254	0.274	0.336	0.616	0.444	21
22	0.291B	0.270	3.46	0.729	0.274	0.621	0.225	0.260	0.303	0.307	0.543	0.431	22
23	0.293B	0.273	5.08	0.598	0.357	0.693	0.232	0.257	0.401	0.318	0.486	0.438	23
24	0.295B	0.270	5.57	0.544	0.331	0.452	0.215	0.243	0.363	0.307	1.25	1.12	24
25	0.297B	0.260B	4.46	0.471	0.325	0.453	0.221	0.608	0.377	0.299	0.684	5.45	25
26	0.299B	0.255B	2.36	0.431	0.306	0.773	0.221	0.287	0.341	0.297	0.505	3.82	26
27	0.300B	0.258	2.03	0.421	0.287	0.514	0.240	0.259	0.467	0.295	0.430	1.49	27
28	0.360B	0.252B	2.01	0.387	0.375	0.412	0.388	0.253	0.439	0.300	0.402	1.40	28
29	0.390B		2.16	0.368	0.408	0.417	0.248	0.249	0.359	0.305	0.924	1.21	29
30	0.376B		3.75	0.317	0.362	0.350	0.259	0.269	0.311	0.294	0.957	0.670B	30
31	0.364B		15.2 B		0.342		0.230	0.260		0.311		0.532B	31
TOTAL	10.984	8.585	75.004	34.620	9.987	13.164	7.689	8.182	9.193	9.910	16.946	31.132	TOTAL
MEAN	0.354	0.307	2.42	1.15	0.322	0.439	0.248	0.264	0.306	0.320	0.565	1.00	MEAN
MAX	0.764	0.483	15.2	6.74	0.504	0.773	0.388	0.608	0.472	0.398	1.25	5.45	MAX
MIN	0.271	0.250	0.242	0.317	0.274	0.272	0.215	0.226	0.228	0.275	0.327	0.334	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.645
MAXIMUM DAILY, 15.2B ON MAR 31
MINIMUM DAILY, 0.215 ON JUL 24

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 25 N
LONG 79 43 12 W
DRAINAGE AREA, 62.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	949	JUL	664
FEB	742	AUG	707
MAR 6	480	SEP	794
APR 2	990	OCT	856
MAY	863	NOV 1	460
JUN 1	140	DEC 2	690

TOTAL DISCHARGE, 20 300 dam³

COLDWATER RIVER AT COLDWATER - STATION NO. 02ED007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.70B	1.20B	1.10B	24.7 A	2.21	1.97	1.26	1.49	1.25	1.40	1.40	4.15	1
2	1.40B	1.30B	1.09B	15.1 E	2.10	1.87	1.21	1.39	1.30	1.44	2.08	3.33	2
3	1.60B	1.70B	1.08B	12.9 A	1.90	1.60	1.17	1.87	1.67	1.36	3.34	8.06	3
4	1.80B	1.55B	1.20B	11.0 E	1.78	1.51	1.18	1.51	1.47	1.32	3.28	5.76	4
5	2.06B	1.50B	1.30B	6.76A	1.80	1.45	1.16	1.34	1.31	1.26	3.62	5.44	5
6	2.23B	1.42B	1.22B	5.87E	1.80	1.65	1.11	1.23	1.25	1.23	3.05	9.56	6
7	2.13B	1.40B	1.19B	5.16A	1.71	1.59	1.09	1.15	1.25	1.31	2.88	4.38	7
8	1.95B	1.35B	1.16B	4.25	1.83	1.51	1.06	1.11	1.19	1.51	2.84	3.11	8
9	1.82B	1.31B	1.11B	4.17	1.85	1.45	1.04	1.20	1.15	1.34	2.22	2.15B	9
10	1.75B	1.29B	1.18B	6.22	1.67	1.46	1.02	1.14	1.13	1.31	1.86	2.00B	10
11	1.68B	1.28B	1.22B	6.60	1.59	1.59	1.06	1.08	1.12	1.38	1.85	1.90B	11
12	1.62B	1.26B	1.30B	5.89	1.56	1.35	1.21	1.02	1.18	1.43	2.80	1.80B	12
13	1.55B	1.25B	1.40B	10.7	1.55	1.34	1.12	1.02	1.12	1.35	3.27	1.70B	13
14	1.51B	1.23B	2.70B	9.82	1.50	1.27	1.06	1.02	1.18	1.40	2.52	2.00B	14
15	1.48B	1.21B	2.51B	9.54	1.47	2.08	1.02	1.01	1.36	3.03	2.23	2.46	15
16	1.45B	1.20B	2.35B	11.2	1.49	5.92	0.997	0.990	1.28	2.53	1.96	8.14	16
17	1.41B	1.19B	2.10B	18.1	1.45	2.85	1.09	0.957	1.26	1.95	1.88	3.20B	17
18	1.39B	1.18B	1.90B	12.5	1.40	2.06	1.47	0.929	2.52	1.71	1.86	2.80B	18
19	1.35B	1.24B	1.75B	6.00	1.38	4.20	1.58	1.10	1.98	1.64	1.92	2.55B	19
20	1.32B	1.30B	1.62B	9.66	1.58	4.16	1.23	1.52	1.54	1.54	2.11	2.30B	20
21	1.30B	1.26B	1.55B	12.0	1.46	3.96	1.11	1.15	1.51	1.56	3.33	2.21	21
22	1.28B	1.20B	1.50B	5.53	1.37	2.91	1.04	1.10	1.41	1.52	3.32	2.08	22
23	1.70B	1.18B	1.42B	4.18	2.04	2.38	1.06	1.91	1.34	1.49	2.61	2.07	23
24	1.60B	1.15B	1.37B	4.15	3.86	1.87	0.969	1.50	1.34	1.41	4.70	4.68	24
25	1.48B	1.13B	1.33B	3.86	2.36	1.76	0.979	3.58	1.72	1.41	3.29	16.4	25
26	1.38B	1.12B	1.30B	3.48	1.96	1.82	0.996	3.11	1.54	1.38	2.73	10.2	26
27	1.33B	1.11B	1.28B	3.11	1.76	1.57	0.988	1.94	1.65	1.34	2.25	4.46	27
28	1.30B	1.10B	1.27B	2.77	2.29	1.46	1.61	1.59	2.09	1.36	1.85B	3.96	28
29	1.24B		1.26B	2.45	2.50	1.38	1.34	1.44	1.66	1.32	5.37	3.83	29
30	1.23B		2.10B	2.34	2.19	1.31	1.22	1.32	1.51	1.33	7.10	2.95B	30
31	1.21B		11.5 B		2.49		1.88	1.33		1.32		2.75B	31
TOTAL	48.25	35.61	56.36	240.01	57.90	63.30	36.329	44.046	43.28	46.88	85.52	132.38	TOTAL
MEAN	1.56	1.27	1.82	8.00	1.87	2.11	1.17	1.42	1.44	1.51	2.85	4.27	MEAN
MAX	2.23	1.70	11.5	24.7	3.46	5.92	1.88	3.58	2.52	3.03	7.10	16.4	MAX
MIN	1.21	1.10	1.08	2.34	1.37	1.27	0.969	0.929	1.12	1.23	1.40	1.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.44
MAXIMUM DAILY, 24.7A ON APR 1
MINIMUM DAILY, 0.929 ON AUG 18
MAXIMUM INSTANTANEOUS,
24.7E AT 06:00 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 42 25 N
LONG 79 38 37 W
DRAINAGE AREA, 177 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 170	JUL	3 140
FEB	3 080	AUG	3 810
MAR	4 870	SEP	3 740
APR 20	700	OCT	4 050
MAY	5 000	NOV	7 390
JUN	5 470	DEC 11	400

TOTAL DISCHARGE, 76 800 dam³

COLLINS CREEK NEAR KINGSTON - STATION NO. 02HN005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.787	0.559B	0.525B	30.8	1.59 E	6.65	1.00	0.285	0.291	0.508	0.349	4.59	1
2	0.929	0.539B	0.248B	24.4	1.32 E	8.67	0.889	0.246	0.393	0.469	0.491	4.44	2
3	0.931	0.550B	0.545B	18.7	1.12 E	8.03	0.760	0.230	0.365	0.427	0.692	4.33	3
4	1.58	0.585B	0.540B	20.8	0.960E	6.07	0.673	0.207	0.315	0.396	2.90	4.34	4
5	3.30 B	0.569B	0.535B	17.4	0.835E	4.59	0.606	0.186	0.282	0.367	7.47	4.26	5
6	3.15 B	0.556B	0.526B	13.5	0.721E	4.40	0.551	0.172	0.255	0.324	8.85	4.73	6
7	3.85 B	0.542B	0.520B	12.0 B	0.670E	5.18	0.525	0.159	0.239	0.377	7.82	5.01	7
8	4.04 B	0.535B	0.510B	8.97	1.62 E	5.45	0.505	0.154	0.221	2.08	6.38	4.64	8
9	3.62 B	0.528B	0.503B	7.64	3.45 E	4.59	0.454	0.237	0.205	2.32	4.99	3.96	9
10	3.08 B	0.520B	0.500B	6.78	2.85 E	3.47	0.417	0.257	0.179	1.82	3.87	3.11	10
11	2.67 B	0.518B	0.521B	6.09	2.37 E	2.83	0.477	0.210	0.147	1.49	3.18	2.71	11
12	2.38 B	0.511B	0.780B	5.53	1.99 E	2.39	1.08	0.165	0.122	1.27	3.09	2.35B	12
13	2.11 B	0.505B	1.20 B	5.27	1.72 A	2.08	0.856	0.132	0.109	1.28	3.91	2.02B	13
14	1.88 B	0.500B	2.55 B	5.43	1.51	1.89	0.704	0.116	0.094	1.26	4.00	1.81	14
15	1.71 B	0.514B	4.85 B	5.31	1.31	1.71	0.648	0.099	0.128	1.04	3.80	1.82	15
16	1.53 B	0.524B	10.1 B	5.01	1.16	1.69	0.557	0.076	0.150	0.891	3.42	4.31	16
17	1.39 B	0.520B	9.58 B	4.84	1.00	1.56	0.505	0.066	0.120	0.760	3.12	6.47B	17
18	1.28 B	0.514B	8.85 B	5.25	0.860	1.49	0.484	0.056	0.172	0.657	2.77	5.73B	18
19	1.15 B	0.504B	8.50 B	5.17	0.782	1.44	0.443	0.053	0.198	0.590	2.44	4.55	19
20	1.06 B	0.500B	8.55 B	4.95	0.750	1.33	0.409	0.052	0.165	0.558	2.22	3.74	20
21	0.985B	0.498B	9.20 B	5.80	0.690	1.55	0.376	0.042	0.170	0.545	2.10	3.14	21
22	0.910B	0.495B	10.6 B	7.45	0.625	1.99	0.350	0.037	0.163	0.477	2.28	2.89B	22
23	0.835B	0.440B	11.4 B	6.37	0.599	2.29	0.316	0.045	0.206	0.440	2.32	2.50	23
24	0.775B	0.490B	10.3 B	5.22	0.584	2.48	0.290	0.045	0.283	0.408	3.10	2.52	24
25	0.720B	0.488B	10.0 B	4.36	0.550	2.18	0.262	0.243	0.313	0.371	3.69	3.85	25
26	0.670B	0.485B	17.0 B	3.80	0.500	1.93	0.250	0.420	0.308	0.355	3.76	8.48	26
27	0.610B	0.483B	17.8 B	3.29	0.464	1.61	0.231	0.315	0.374	0.343	3.40	9.60B	27
28	0.560B	0.480B	14.6 B	2.75E	1.10	1.34	0.249	0.284	0.559	0.328	2.89	8.89	28
29	0.535B		12.0	2.30E	4.08	1.19	0.253	0.286	0.621	0.328	3.22	8.70	29
30	0.530B		12.2	1.92E	4.95	1.15	0.234	0.299	0.552	0.327	4.24	7.36B	30
31	0.540B		17.5		5.23		0.317	0.295		0.311		5.71	31
TOTAL	50.097	14.452	203.033	258.10	47.960	93.22	15.631	5.469	7.699	23.117	106.762	142.56	TOTAL
MEAN	1.62	0.516	6.55	8.60	1.55	3.11	0.504	0.176	0.257	0.746	3.56	4.60	MEAN
MAX	4.04	0.585	17.8	30.8	5.23	8.67	1.08	0.420	0.621	2.32	8.85	9.60	MAX
MIN	0.530	0.440	0.248	1.92	0.464	1.15	0.231	0.037	0.094	0.311	0.349	1.81	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.65
MAXIMUM DAILY, 30.8 ON APR 1
MINIMUM DAILY, 0.037 ON AUG 22
MAXIMUM INSTANTANEOUS,
33.2 AT 15:08 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 24 N
LONG 76 36 46 W
DRAINAGE AREA, 155 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 330	JUL	1 350
FEB	1 250	AUG	473
MAR	17 500	SEP	665
APR	22 300	OCT	2 000
MAY	4 140	NOV	9 220
JUN	8 050	DEC	12 300

TOTAL DISCHARGE, 83 600 dam³

COMMANDA CREEK NEAR COMMANDA - STATION NO. 02DD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.825B	0.620B	0.570B	1.80B	4.27	0.878	0.523	0.127	0.541	0.921	1.09	2.76	1
2	0.815B	0.620B	0.565B	3.00B	3.80	0.970	0.483	0.134	1.11	0.993	1.22	3.43	2
3	0.815B	0.615B	0.565B	2.50B	3.36	0.832	0.405	0.130	1.44	0.934	1.49	3.81	3
4	0.825B	0.612B	0.560B	3.10B	2.99	0.728	0.414	0.121	1.73	0.886	1.61	3.85	4
5	0.850B	0.610B	0.560B	3.65B	2.65	0.658	0.356	0.119	1.41	0.785	1.66	3.74	5
6	0.862B	0.607B	0.555B	3.15B	2.45	0.615	0.311	0.106	1.25	0.728	1.74	6.90	6
7	0.835B	0.605B	0.550B	2.85B	2.33	0.583	0.339	0.101	1.08	1.09	1.79	7.14	7
8	0.805B	0.603B	0.545B	2.55B	2.34	0.541	0.349	0.095	0.851	2.21	1.86	5.52	8
9	0.780B	0.600B	0.542B	2.25B	2.14	0.454	0.447	0.095	0.658	2.74	1.96	4.11	9
10	0.760B	0.598B	0.540B	2.10B	1.91	0.409	0.346	0.094	0.516	2.19	1.87	3.54	10
11	0.745B	0.697B	0.580B	2.10B	1.73	0.423	0.340	0.087	0.405	1.87	1.74	2.96	11
12	0.735B	0.795B	0.740B	2.11B	1.58	0.377	0.384	0.082	0.360	1.80	2.88	2.75B	12
13	0.725B	0.592B	1.05 B	2.50B	1.46	0.392	0.399	0.074	0.307	1.86	5.11	2.55B	13
14	0.715B	0.588B	1.70 B	3.30B	1.36	0.352	0.350	0.069	0.560	2.02	4.59	2.40B	14
15	0.705B	0.585B	1.73 B	4.50B	1.27	0.367	0.312	0.068	0.964	3.02	3.75	2.30	15
16	0.700B	0.583B	1.71 B	7.00B	1.20	0.493	0.257	0.063	1.15	3.08	3.06	2.22B	16
17	0.695B	0.583B	1.60 B	10.0 B	1.15	0.464	0.224	0.061	1.14	3.17	2.60	2.12B	17
18	0.690B	0.600B	1.45 B	24.3	1.12	0.404	0.216	0.061	1.46	2.71	2.35	2.02B	18
19	0.685B	0.610B	1.35 B	19.0	1.10	0.685	0.216	0.068	1.56	2.34	2.13	1.97B	19
20	0.675B	0.615B	1.27 B	14.4	1.07	1.27	0.197	0.094	1.25	2.17	2.05	1.91B	20
21	0.670B	0.620B	1.19 B	12.3	1.04	1.19	0.180	0.096	1.08	3.04	2.26	1.86B	21
22	0.665B	0.615B	1.11 B	10.2	0.917	1.95	0.174	0.123	0.893	3.44	2.31	1.82B	22
23	0.655B	0.607B	1.03 B	8.78	0.883	1.91	0.169	0.278	0.743	2.95	2.38	1.82	23
24	0.650B	0.595B	0.980B	8.86	1.13	1.60	0.161	0.249	0.647	2.35	3.05	2.15	24
25	0.645B	0.585B	0.940B	9.75	1.16	1.37	0.162	0.234	0.980	1.94	2.86	5.04	25
26	0.640B	0.580B	0.900B	10.1	1.01	1.26	0.163	0.198	1.01	1.71	2.46	10.9	26
27	0.635B	0.580B	0.870B	9.12	0.907	1.01	0.158	0.223	0.875	1.51	2.25B	10.2	27
28	0.630B	0.575B	0.840B	7.45	0.823	0.909	0.151	0.222	0.975	1.38	2.13	8.33	28
29	0.625B		0.810B	5.98	0.799	0.797	0.163	0.206	0.946	1.34	2.15	8.75	29
30	0.620B		0.790B	5.00	0.777	0.680	0.139	0.242	0.926	1.23	2.34	7.08	30
31	0.620B		1.15 B		0.766		0.134	0.296		1.12		5.46	31
TOTAL	22.297	16.895	29.342	203.70	51.492	24.531	8.698	4.216	28.837	59.527	70.74	131.41	TOTAL
MEAN	0.719	0.603	0.947	6.79	1.66	0.818	0.281	0.136	0.961	1.92	2.36	4.24	MEAN
MAX	0.862	0.697	1.73	24.3	4.27	1.95	0.523	0.296	1.73	3.44	5.11	10.9	MAX
MIN	0.620	0.575	0.540	1.80	0.766	0.352	0.134	0.061	0.307	0.728	1.09	1.82	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.79
MAXIMUM DAILY, 24.3 ON APR 18
MINIMUM DAILY, 0.061 ON AUG 17
MAXIMUM INSTANTANEOUS,
26.5 AT 01:23 EST ON APR 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 55 N
LONG 79 36 24 W
DRAINAGE AREA, 106 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 930	JUL	752
FEB	1 460	AUG	364
MAR	2 540	SEP	2 490
APR	17 600	OCT	5 140
MAY	4 450	NOV	6 110
JUN	2 120	DEC	11 400

TOTAL DISCHARGE, 56 400 dam³

CONESTOGO RIVER ABOVE DRAYTON - STATION NO. 02GA039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.450B	0.307B	0.256B	83.4	1.52	0.865	0.425	0.151	0.282	1.07	2.12	12.6	1
2	0.445B	0.296B	0.255B	31.5	1.36	1.02	0.329	0.158	0.267	0.818	17.6	7.79	2
3	0.440B	0.289B	0.254B	43.2	1.16	0.730	0.256	0.140	0.294	0.687	17.6	7.96	3
4	0.440B	0.284B	0.252B	13.0 B	1.03	0.505	0.228	0.195	0.296	0.589	11.2	20.7	4
5	0.810B	0.278B	0.251B	8.80B	0.920	0.489	0.197	0.214	0.254	0.534	10.4	14.6	5
6	1.58 B	0.275B	0.250B	8.30B	0.935	1.04	0.162	0.209	0.236	0.498	6.87	36.7	6
7	1.65 B	0.271B	0.250B	7.50B	0.824	1.14	0.143	0.167	0.233	0.499	5.79	11.6	7
8	1.53 B	0.269B	0.250B	7.20B	0.754	0.871	0.116	0.153	0.230	0.711	7.51	6.10	8
9	1.21 B	0.266B	0.250B	8.20B	0.648	0.679	0.095	0.154	0.194	0.747	5.33	4.13	9
10	1.04 B	0.262B	0.260B	12.0	0.555	0.506	0.104	0.140	0.159	0.660	4.00	3.03	10
11	0.870B	0.260B	0.280B	8.77	0.486	0.395	0.123	0.123	0.150	0.627	3.61	2.75	11
12	0.770B	0.259B	0.305B	10.4	0.412	0.306	0.145	0.111	0.147	0.598	17.5	1.95	12
13	0.680B	0.257B	0.333B	24.1	0.385	0.245	0.139	0.112	0.126	0.581	17.5	1.48	13
14	0.630B	0.255B	1.80 B	19.9	0.352	0.229	0.136	0.124	0.125	0.543	7.80	1.27	14
15	0.700B	0.267B	3.21 B	21.2	0.293	0.248	0.112	0.094	0.137	0.948	5.14	1.34	15
16	0.595B	0.280B	2.90 B	24.4	0.263	0.600	0.092	0.076	0.165	1.79	4.09	9.52B	16
17	0.515B	0.274B	3.10 B	51.6	0.279	0.715	0.108	0.059	0.182	1.57	3.79	7.62	17
18	0.460B	0.269B	3.50 B	20.2	0.264	0.571	0.411	0.065	0.316	1.13	3.81	5.37	18
19	0.410B	0.261B	3.95 B	8.39	0.277	2.93	1.50	0.059	0.488	0.947	4.86	4.29	19
20	0.388B	0.258B	4.42 B	14.6	0.565	6.04	0.797	0.053	0.380	0.830	6.80	3.28	20
21	0.372B	0.255B	5.19 B	13.9	0.481	13.6	0.390	0.104	0.338	0.935	38.1	2.61	21
22	0.350B	0.274B	5.90 B	5.78	0.354	7.44	0.256	0.218	0.304	0.916	19.6	2.10	22
23	0.361B	0.270B	7.44 B	4.39	0.322	3.90	0.192	0.197	0.371	0.794	10.1	2.23	23
24	0.380B	0.266B	10.5 B	3.68	0.324	2.36	0.140	0.193	0.497	0.700	20.9	25.1 B	24
25	0.344B	0.263B	13.0 B	3.85	0.332	1.56	0.120	0.553	0.703	0.795	8.77	60.1	25
26	0.322B	0.261B	11.4 B	2.75	0.332	1.69	0.099	1.06	1.37	0.802	5.52	28.7	26
27	0.315B	0.260B	10.3 B	3.75	0.305	1.58	0.101	0.674	2.01	0.753	4.17	9.68	27
28	0.350B	0.259B	9.60 B	2.93	1.17	1.12	0.250	0.465	6.72	0.697	3.49	12.3	28
29	0.340B		9.20 B	2.28	1.79	0.807	0.319	0.379	3.34	0.742	24.2	9.39	29
30	0.326B		12.0 B	1.81	1.15	0.591	0.223	0.349	1.66	0.589	26.5	4.57	30
31	0.317B		110 B		0.881		0.179	0.313		0.557		3.73	31
TOTAL	19.380	7.545	231.656	470.98	20.703	58.762	7.877	7.142	21.934	24.657	324.67	324.59	TOTAL
MEAN	0.625	0.269	7.47	15.7	0.668	1.83	0.254	0.230	0.731	0.795	10.8	10.5	MEAN
MAX	1.65	0.307	110	83.4	1.79	13.6	1.50	1.06	6.72	1.79	38.1	60.1	MAX
MIN	0.315	0.255	0.250	1.81	0.263	0.229	0.092	0.053	0.125	0.498	2.12	1.27	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.15
MAXIMUM DAILY, 110B ON MAR 31
MINIMUM DAILY, 0.053 ON AUG 20
MAXIMUM INSTANTANEOUS,
238 AT 20:40 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 46 58 N
LONG 80 38 20 W
DRAINAGE AREA, 272 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 670	JUL	681
FEB	652	AUG	617
MAR	20 000	SEP	1 900
APR	40 700	OCT	2 130
MAY	1 790	NOV	28 100
JUN	4 730	DEC	28 000

TOTAL DISCHARGE, 131 000 dam³

CONESTOGO RIVER AT GLEN ALLAN - STATION NO. 02GA028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.82	0.640B	0.484B	27.9	2.99	3.28	3.12	4.03	5.20	5.95	3.13	42.0	1
2	7.52	0.625B	0.480B	57.5	2.93	3.25	2.58	4.14	5.04	5.94	3.35	40.6	2
3	6.99	0.602B	0.479B	91.5	2.98	3.22	2.22	4.20	7.16	5.89	3.54	38.7	3
4	6.59	0.580B	0.474B	76.7	2.99	3.25	2.25	6.40	8.32	5.86	3.57	37.8	4
5	6.26	0.570B	0.470B	15.6 B	3.87	3.30	2.28	4.44	8.17	5.81	3.55	38.4	5
6	5.19 B	0.557B	0.463B	5.89B	4.66	3.30	2.26	4.44	8.08	5.80	3.44	38.3	6
7	5.10 B	0.540B	0.460B	5.89B	4.70	2.66	2.73	4.43	8.01	6.05	3.38	38.0	7
8	4.70 B	0.537B	0.460B	5.96B	4.63	2.14	3.76	4.54	7.95	5.96	3.32	37.6	8
9	4.23 B	0.529B	0.460B	6.16	4.67	2.19	3.81	4.51	7.85	5.89	3.35	37.0	9
10	3.80 B	0.520B	0.465B	6.20	4.71	2.18	3.82	4.49	7.76	5.83	3.45	36.3	10
11	3.44 B	0.518B	0.478B	6.15	4.72	2.16	3.90	4.54	7.61	5.72	3.56	35.7E	11
12	2.86 B	0.510B	0.510B	6.39	4.66	2.13	3.82	4.60	7.53	5.61	3.98	36.7E	12
13	2.55 B	0.504B	0.630B	19.6	4.67	2.12	3.76	4.60	7.38	5.63	3.56	37.3E	13
14	2.09 B	0.500B	2.45 B	44.7	4.69	2.14	3.84	4.61	7.21	3.81	3.57	33.7E	14
15	2.27 B	0.520B	7.80 B	56.7	4.68	2.13	3.87	4.66	7.09	5.15	3.56	21.2	15
16	1.80 B	0.540B	14.7 B	46.1	4.67	2.02	3.85	4.72	6.89	5.67	3.58	16.6	16
17	1.60 B	0.530B	13.5 B	76.0	4.70	1.99	3.97	4.77	6.96	5.70	3.54	16.3	17
18	1.36 B	0.512B	13.6 B	54.5	4.70	2.02	3.92	4.85	6.88	5.70	6.11	16.4	18
19	1.15 B	0.503B	13.9 B	23.9	4.67	2.13	3.92	4.92	6.64	5.69	7.88	16.0	19
20	1.00 B	0.500B	14.4 B	14.6	4.70	2.05	3.86	4.89	6.61	4.32	8.13	15.7	20
21	0.910B	0.502B	15.0 B	17.4	4.69	2.16	3.86	5.01	6.51	3.37	9.13	15.4	21
22	0.850B	0.530B	15.8 B	19.7	4.76	6.17	3.87	5.03	6.43	3.28	8.44	15.1	22
23	0.899B	0.522B	17.1 B	12.6	4.70	9.97	3.90	5.05	6.40	3.21	8.75	15.0	23
24	0.950B	0.518B	18.2 B	5.71	4.71	5.01	3.92	5.09	6.37	3.20	11.6	16.0	24
25	0.850B	0.510B	19.4 B	7.46	4.65	3.19	3.87	5.26	6.46	3.18	26.3	17.8	25
26	0.770B	0.504B	19.7 B	5.48	3.79	3.19	3.89	5.16	6.35	3.13	44.5	17.8	26
27	0.710B	0.500B	19.9 B	3.08	3.15	3.16	3.97	5.11	6.25A	3.11	43.5	18.0	27
28	0.670B	0.492B	20.6	3.01	3.39	3.15	4.00	5.11	6.15E	3.11	42.8	18.3	28
29	0.723B		20.4	2.96	3.20	3.14	4.01	5.12	6.05E	3.10	42.8	18.0	29
30	0.698B		21.1	2.96	3.20	3.13	4.04	5.09	6.00E	3.07	43.0	17.9	30
31	0.658B		27.0		3.24		4.02	5.06		3.10		17.8	31
TOTAL	87.880	14.915	300.863	728.30	129.36	91.92	110.89	148.87	207.31	146.84	362.37	817.4	TOTAL
MEAN	2.81	0.533	9.71	24.3	4.17	3.06	3.58	4.80	6.91	4.74	12.1	26.4	MEAN
MAX	7.82	0.640	27.0	91.5	4.76	9.97	4.04	6.40	8.32	6.05	44.5	42.0	MAX
MIN	0.658	0.492	0.460	2.96	2.90	1.99	2.22	4.03	5.04	3.07	3.13	15.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.62
MAXIMUM DAILY, 91.5 ON APR 3
MINIMUM DAILY, 0.460B ON MAR 7
MAXIMUM INSTANTANEOUS,
101 AT 14:46 EST ON APR 17

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 39 17 N
LONG 80 42 06 W
DRAINAGE AREA, 578 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 520	JUL	9 580
FEB	1 290	AUG	12 900
MAR	26 000	SEP	17 900
APR	62 900	OCT	12 700
MAY	11 200	NOV	31 300
JUN	7 940	DEC	70 600

TOTAL DISCHARGE, 272 000 dam³

CONISTON CREEK ABOVE WAHAPITEI RIVER - STATION NO. 02DB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.160B	0.340B	0.320B	12.0 B	0.799	1.82	0.436	0.077	0.910	0.736	0.621	0.840B	1
2	0.160B	0.340B	0.320B	9.50 B	0.736	1.38	0.437	0.075	0.599	0.574	0.876	3.70	2
3	0.160B	0.340B	0.320B	8.50 B	0.728	0.936	0.414	0.072	0.743	0.574	0.990	4.80 E	3
4	0.190B	0.340B	0.320B	6.20 B	0.674	0.746	0.357	0.071	0.489	0.550	0.926	4.60 E	4
5	0.240B	0.340B	0.315B	4.70 B	0.700	0.565	0.298	0.112	0.965	0.498	0.876	5.40 E	5
6	0.215B	0.330B	0.315B	3.50 B	0.690	0.447	0.270	0.057	1.14	0.806	0.938	5.70 E	6
7	0.205B	0.330B	0.315B	2.60 B	0.834	0.387	0.232	0.037	0.734	7.35	0.753	4.00 E	7
8	0.200B	0.330B	0.315B	3.30 B	1.00	0.362	0.195	0.043	0.434	6.85	0.681	2.30 B	8
9	0.190B	0.320B	0.315B	3.50 B	0.927	0.332	0.160	0.067	0.301	4.15	0.585	1.50 B	9
10	0.170B	0.320B	0.315B	5.20 B	0.896	0.331	0.147	0.074	0.294	2.60	0.545	1.00 B	10
11	0.161B	0.320B	0.350B	7.20 B	0.854	0.323	0.199	0.072	0.254	1.76	0.631	0.820B	11
12	0.160B	0.315B	0.500B	9.00 B	0.858	0.275	0.205	0.066	0.206	1.38	5.21	0.640B	12
13	0.150B	0.315B	1.00 B	15.0 B	0.937	0.256	0.223	0.064	0.190	1.10	5.24	0.520B	13
14	0.150B	0.315B	1.30 B	14.5	0.932	0.259	0.185	0.061	0.387	1.29	2.59	0.420B	14
15	0.150B	0.316B	1.10 B	11.3	0.853	0.280	0.147	0.081	0.401	1.58	1.88 B	0.430B	15
16	0.150B	0.320B	0.980B	9.75	0.850	0.327	0.190	0.050	0.507	1.36	1.48	0.470B	16
17	0.150B	0.320B	0.970B	9.54	0.869	0.265	0.189	0.034	0.788	1.17	1.28	0.410B	17
18	0.150B	0.320B	0.960B	7.03	0.887	0.261	0.143	0.035	1.81	1.04	1.28	0.380B	18
19	0.150B	0.320B	0.960B	4.49	0.932	0.328	0.127	0.042	1.15	0.904	1.29	0.400B	19
20	0.160B	0.320B	0.950B	3.46	0.972	0.361	0.113	0.065	2.03	1.74	2.18	0.360B	20
21	0.170B	0.320B	1.00 B	3.20	0.873	0.377	0.098	0.058	2.10	2.33	4.14	0.340B	21
22	0.170B	0.320B	1.05 B	3.25	0.787	0.346	0.085	0.147	1.38	1.63	2.75	0.330B	22
23	0.170B	0.320B	1.10 B	3.77	0.719	0.331	0.092	0.177	1.05	1.24	1.80 B	0.360B	23
24	0.170B	0.320B	1.15 B	3.06	0.707	0.316	0.083	0.157	0.935	1.04	1.30 B	0.600B	24
25	0.170B	0.320B	1.20 B	2.41	0.695	0.333	0.064	0.149	1.51	0.960	1.05 B	6.00 B	25
26	0.190B	0.320B	1.15 B	1.90	0.611	0.319	0.061	0.106	1.34	0.791	0.860B	7.00 B	26
27	0.205B	0.320B	1.10 B	1.65	0.481	0.311	0.060	0.123	1.09	0.690	0.760B	5.40 B	27
28	0.225B	0.320B	1.00 B	1.32	0.557	0.334	0.075	0.115	0.877	0.658	0.740B	6.30 B	28
29	0.270B		1.10 B	1.01	0.630	0.409	0.069	0.107	0.753	0.670	0.750B	6.00 B	29
30	0.300B		1.60 B	0.901	0.752	0.418	0.074	0.085	0.950	0.693	0.770B	3.00 B	30
31	0.325B		9.00 B		0.757		0.079	0.081		0.651		2.10 B	31
TOTAL	5.786	9.071	32.690	172.741	24.697	13.725	5.507	2.560	26.317	49.365	45.732	76.120	TOTAL
MEAN	0.187	0.324	1.05	5.76	0.797	0.458	0.178	0.083	0.877	1.59	1.52	2.46	MEAN
MAX	0.325	0.340	9.00	15.0	1.00	1.82	0.437	0.177	2.10	7.35	5.28	7.00	MAX
MIN	0.150	0.315	0.315	0.901	0.481	0.256	0.060	0.034	0.190	0.498	0.545	0.330	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.27
MAXIMUM DAILY, 15.0B ON APR 13
MINIMUM DAILY, 0.034 ON AUG 17

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 28 28 N
LONG 80 49 18 W
DRAINAGE AREA, 59.0 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	500	JUL	476
FEB	784	AUG	221
MAR 2	820	SEP 2	270
APR 14	900	OCT 4	270
MAY 2	130	NOV 3	950
JUN 1	190	DEC 6	580

TOTAL DISCHARGE, 45 100 dam³

REMARKS - DATA PRIOR TO 1986 COLLECTED AND PUBLISHED BY ONT. MINISTRY OF THE ENVIRONMENT UNDER STATION NO. 02DB102

CONSECON CREEK AT ALLISONVILLE - STATION NO. 02NE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.485	0.430B	0.345B	12.7	0.876	2.38	1.61	0.100	0.033	0.105	0.273	2.67	1
2	0.522	0.430B	0.340B	11.9	0.802	2.03	1.39	0.144	0.045	0.108	0.420	2.53	2
3	0.473	0.425B	0.335B	14.7	0.735	1.73	1.16	0.164	0.037	0.090	0.581	2.54	3
4	1.34	0.420B	0.330B	15.0	0.704	1.46	0.968	0.171	0.053	0.081	1.48	2.62	4
5	1.25 B	0.410B	0.356	13.0	0.659	1.30	0.816	0.172	0.075	0.076	2.33	2.60	5
6	1.17 B	0.400B	0.346	9.70	0.600	1.77	0.699	0.151	0.036	0.071	2.31	2.80	6
7	1.05 B	0.390B	0.340B	7.26	0.554	1.77	0.592	0.137	0.019	0.078	2.42	2.69	7
8	0.940B	0.380B	0.338B	5.64	0.621	1.60	0.507	0.116	0.019	0.153	2.33	2.50	8
9	0.840B	0.370B	0.336B	4.35	0.846	1.45	0.434	0.106	0.012	0.146	2.14	2.20	9
10	0.760B	0.360B	0.335B	3.42	0.803	1.33	0.381	0.093	0.008	0.156	1.90	1.72	10
11	0.720B	0.350B	0.343	3.09	0.712	1.45	0.360	0.080	0.006	0.195	1.79	1.52	11
12	0.680B	0.340B	0.396	2.92	0.671	1.31	0.373	0.066	0.007	0.216	2.08	1.16 B	12
13	0.640B	0.335B	0.603	3.13	0.642	1.15	0.350	0.054	0.006	0.244	2.39	0.820B	13
14	0.600B	0.330B	1.31	3.27	0.597	1.28	0.330	0.040	0.006	0.335	2.17	0.657	14
15	0.570B	0.355B	1.76	3.06	0.552	1.17	0.318	0.030	0.006	0.517	2.08	0.779	15
16	0.540B	0.370B	2.09	2.75	0.493	1.14	0.295	0.020	0.009	0.553	1.91	2.27	16
17	0.510B	0.350B	2.00	2.61	0.464	1.09	0.279	0.017	0.009	0.571	1.75	1.82 B	17
18	0.490B	0.330B	2.56	2.70	0.455	0.949	0.267	0.008	0.019	0.546	1.59	1.31 B	18
19	0.470B	0.340B	7.85	2.43	0.434	0.860	0.248	0.007	0.012	0.531	1.42	1.21	19
20	0.450B	0.360B	13.2	2.36	0.408	0.779	0.232	0.010	0.011	0.504	1.29	1.18	20
21	0.432B	0.380B	17.0	2.94	0.371	1.10	0.204	0.004	0.019	0.502	1.82	1.12	21
22	0.410B	0.390B	21.5	2.57	0.321	1.35	0.177	0.006	0.013	0.489	2.27	1.04 B	22
23	0.400B	0.380B	31.9	2.29	0.283	1.37	0.151	0.007	0.028	0.843	3.20	1.03	23
24	0.430B	0.370B	26.6	1.99	0.296	1.40	0.114	0.004	0.044	0.488	3.14	1.61	24
25	0.470B	0.365B	24.9	1.71	0.292	1.37	0.100	0.004	0.061	0.393	2.94	3.10	25
26	0.450B	0.360B	19.9	1.49	0.294	1.99	0.083	0.055	0.066	0.371	2.91	6.16	26
27	0.430B	0.355B	16.3	1.34	0.277	1.87	0.072	0.044	0.086	0.334	2.68	5.67	27
28	0.420B	0.350B	11.0 B	1.15	0.374	1.61	0.094	0.043	0.118	0.319	2.37	7.44	28
29	0.410B		8.01 B	1.03	0.747	1.82	0.099	0.044	0.115	0.311	2.77	6.57	29
30	0.400B		7.36 B	0.923	0.919	1.91	0.099	0.040	0.114	0.303	2.83	5.48	30
31	0.410B		9.56		2.13		0.104	0.049		0.291		4.08	31
TOTAL	19.162	10.425	229.543	143.423	18.932	43.788	12.906	2.037	1.092	9.432	68.534	80.896	TOTAL
MEAN	0.618	0.372	7.40	4.78	0.611	1.46	0.416	0.066	0.036	0.304	2.02	2.61	MEAN
MAX	1.34	0.430	31.9	15.0	2.13	2.38	1.61	0.172	0.118	0.571	3.14	7.44	MAX
MIN	0.400	0.330	0.330	0.923	0.277	0.779	0.072	0.004	0.006	0.071	0.273	0.657	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.73
MAXIMUM DAILY, 31.9 ON MAR 23
MINIMUM DAILY, 0.004 ON AUG 21
MAXIMUM INSTANTANEOUS,
38.1 AT 05:34 EST ON MAR 23

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 01 40 N
LONG 77 22 08 W
DRAINAGE AREA, 114 km²

B - ICE CONDITIONS

REGULATED SINCE 1969

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 660	JUL	1 120
FEB	901	AUG	176
MAR 19	800	SEP	94.3
APR 12	400	OCT	815
MAY 1	640	NOV 5	230
JUN 3	780	DEC 6	990

TOTAL DISCHARGE, 54 600 dam³

CREDIT RIVER AT BOSTON MILLS - STATION NO. 02HB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	2.73	3.53	4.45	6.73	1
2	---	---	---	---	---	---	---	---	2.76	3.28	8.07	5.93	2
3	---	---	---	---	---	---	---	---	2.89	3.15	8.79	5.80	3
4	---	---	---	---	---	---	---	---	2.78	3.18	8.37	6.66	4
5	---	---	---	---	---	---	---	---	2.60	2.86	8.11	8.06	5
6	---	---	---	---	---	---	---	---	2.54	2.76	6.34	17.7	6
7	---	---	---	---	---	---	---	---	2.48	3.21	5.17	13.1	7
8	---	---	---	---	---	---	---	---	2.47	3.90	4.88	8.08	8
9	---	---	---	---	---	---	---	---	2.42	3.56	4.48	6.38	9
10	---	---	---	---	---	---	---	---	2.33	3.24	4.17	5.40B	10
11	---	---	---	---	---	---	---	---	2.26	3.29	4.12	5.00B	11
12	---	---	---	---	---	---	---	---	2.42	3.30	5.22	4.70B	12
13	---	---	---	---	---	---	---	---	2.50	3.08	6.14	4.55B	13
14	---	---	---	---	---	---	---	---	2.40	3.04	5.18	4.42B	14
15	---	---	---	---	---	---	---	---	3.51	3.67	4.55	4.40B	15
16	---	---	---	---	---	---	---	---	3.46	3.72	4.18	8.55	16
17	---	---	---	---	---	---	---	---	2.80	3.61	4.03	6.60B	17
18	---	---	---	---	---	---	---	---	3.72	3.38	3.90	5.80B	18
19	---	---	---	---	---	---	---	---	3.87	3.24	3.85	5.20B	19
20	---	---	---	---	---	---	---	---	3.32	3.27	4.03	5.00B	20
21	---	---	---	---	---	---	---	---	3.00	3.34	5.91	4.80B	21
22	---	---	---	---	---	---	---	---	3.31	3.27	6.94	4.80B	22
23	---	---	---	---	---	---	---	---	4.35	3.16	5.79	4.80B	23
24	---	---	---	---	---	---	---	---	4.40	3.08	8.01	8.49	24
25	---	---	---	---	---	---	---	---	4.53	3.00	7.00	20.3	25
26	---	---	---	---	---	---	---	---	4.40	3.01	5.42	27.0	26
27	---	---	---	---	---	---	---	5.67A	4.78	2.97	4.85	13.5	27
28	---	---	---	---	---	---	---	3.28	5.38	2.95	4.50	10.4	28
29	---		---	---	---	---	---	2.90	4.57	2.93	6.38	9.97	29
30	---		---	---	---	---	---	2.95	3.79	2.98	7.78	7.00B	30
31	---		---		---		---	2.88		3.13		5.50B	31
TOTAL	---	---	---	---	---	---	---	---	98.69	100.09	170.60	254.62	TOTAL
MEAN	---	---	---	---	---	---	---	---	3.29	3.23	5.69	8.21	MEAN
MAX	---	---	---	---	---	---	---	---	5.34	3.90	8.78	27.0	MAX
MIN	---	---	---	---	---	---	---	---	2.26	2.76	3.85	4.40	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 46 26 N
LONG 79 55 39 W
DRAINAGE AREA, 402 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	8 530
APR	---	OCT	8 650
MAY	---	NOV	14 700
JUN	---	DEC	22 000

REMARKS - GAUGE OPERATIONAL FROM AUG 27 1982

CREDIT RIVER AT ERINDALE - STATION NO. 02HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.80B	2.90B	3.70B	116	7.98	7.72	10.2	4.59	4.36	6.02	5.72	14.4	1
2	3.72B	2.82B	3.60B	67.7	7.60	6.93	7.53	5.33	4.61	5.56	12.2	11.5	2
3	3.70B	2.80B	3.55B	75.1	7.23	6.07	6.56	4.89	4.58	5.16	18.7	11.0	3
4	4.80B	2.72B	3.50B	58.5	7.02	5.65	6.26	6.44	4.40	5.15	30.0	19.3	4
5	4.40B	2.68B	3.42B	34.3	6.58	7.72	6.01	5.92	4.29	5.01	24.1	16.8	5
6	4.20B	2.62B	3.40B	27.6	6.43	19.2	5.80	5.30	4.13	4.77	13.5	45.5	6
7	4.00B	2.58B	3.30B	19.1	6.31	16.3	5.49	4.83	4.08	8.05	9.73	28.0	7
8	3.80B	2.52B	3.25B	18.0	8.00	10.9	5.32	4.93	4.01	9.74	8.26	16.8	8
9	3.60B	2.50B	3.21B	17.5	8.24	7.99	5.10	5.95	3.95	6.77	7.57	12.3	9
10	3.40B	2.48B	3.15B	18.2	7.36	6.80	4.88	5.94	3.84	5.95	7.04	8.70B	10
11	3.60B	2.42B	8.00B	18.7	6.73	6.20	4.82	4.77	3.83	6.47	7.13	7.00B	11
12	3.75B	2.40B	15.0 B	18.2	6.31	5.83	4.73	4.52	3.75	6.10	8.56	6.10B	12
13	3.90B	2.32B	30.0 B	22.5	6.02	5.62	4.75	4.42	3.88	5.71	10.5	5.90B	13
14	4.02B	2.30B	51.8	25.1	5.90	7.98	4.71	4.53	8.87	5.38	9.07	5.90B	14
15	3.90B	6.90B	43.4	22.9	5.72	7.77	4.55	4.33	7.22	5.51	7.68	6.20B	15
16	3.80B	4.77B	32.2	22.6	5.56	11.0	4.44	4.21	5.88	6.03	6.94	21.7	16
17	3.74B	4.75B	35.5	39.2	5.57	10.2	4.55	4.17	4.90	5.75	6.61	12.0 B	17
18	3.70B	4.70B	27.6	39.1	5.77	7.54	5.56	4.09	6.46	5.49	6.27	10.5 B	18
19	3.60B	4.58B	27.4	25.6	5.43	8.83	6.75	4.17	5.94	5.20	6.17	9.60B	19
20	3.50B	4.42B	32.2	25.8	6.69	12.0	6.40	5.39	5.66	5.22	6.15	8.80B	20
21	3.44B	4.38B	28.3	30.5	6.81	17.1	5.40	6.11	4.94	5.23	10.1	8.40B	21
22	3.40B	4.24B	29.6	21.4	5.55	15.9	4.78	5.30	6.19	5.11	13.7	8.28	22
23	3.60B	4.20B	37.9	15.7	5.69	12.5	4.47	4.94	10.8	5.02	11.2	8.38	23
24	3.50B	4.16B	42.7	13.4	5.74	9.08	4.20	4.81	8.29	4.88	22.1	23.0	24
25	3.35B	4.08B	33.9	11.9	5.65	7.36	4.27	14.8	8.60	4.82	14.8	78.8	25
26	3.20B	4.00B	23.3	11.0	5.63	7.95	4.26	8.89	7.54	4.80	10.5	65.3	26
27	3.10B	3.95B	14.6	10.6	5.40	7.50	4.25	6.86	15.7	4.78	8.54	31.8	27
28	3.20B	3.85B	11.8	10.1	6.43	6.94	6.14	5.43	12.8	4.74	8.00	28.0	28
29	3.10B		14.3	8.88	7.91	90.1	6.11	4.59	8.69	4.70	17.0	22.8	29
30	3.05B		20.3	8.30	7.70	20.9	5.24	4.50	6.90	4.67	19.8	15.2	30
31	3.00B		103		7.20		4.83	4.47		4.74		10.0 B	31
TOTAL	112.87	97.04	696.88	853.49	201.32	373.58	168.36	168.53	189.09	172.51	347.64	577.96	TOTAL
MEAN	3.64	3.47	22.5	28.4	6.49	12.5	5.43	5.44	6.30	5.56	11.6	18.6	MEAN
MAX	4.80	4.90	103	116	8.24	90.1	10.2	14.8	15.7	9.74	30.0	78.8	MAX
MIN	3.00	2.30	3.15	8.30	5.40	5.62	4.20	4.09	3.75	4.67	5.72	5.90	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.8
MAXIMUM DAILY, 116 ON APR 1
MINIMUM DAILY, 2.30B ON FEB 14
MAXIMUM INSTANTANEOUS,
160 AT 11:57 EST ON JUN 29

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 32 37 N
LONG 79 39 29 W
DRAINAGE AREA, 829 km²
B - ICE CONDITIONS
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 750	JUL	14 500
FEB	8 380	AUG	14 600
MAR	60 200	SEP	16 300
APR	73 700	OCT	14 900
MAY	17 400	NOV	30 000
JUN	32 300	DEC	49 900

TOTAL DISCHARGE, 342 000 dam³

CREDIT RIVER NEAR CATARACT - STATION NO. 02HB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.26	1.23 B	1.08 B	25.4	1.88	1.96	1.33	1.15	1.13	1.56	1.71	2.86	1
2	1.15	1.18 B	1.04 B	14.1	1.86	1.68	1.21	1.13	1.16	1.48	3.48	2.58	2
3	1.30	1.05 B	1.01 B	13.8	1.78	1.48	1.19	1.15	1.19	1.41	3.39	2.51	3
4	1.58	1.09 B	1.00 B	12.4	1.57	1.38	1.15	1.46	1.16	1.36	3.24	2.89	4
5	1.68	1.11 B	0.960B	9.27	1.60	1.53	1.16	1.52	1.06	1.28	3.20	3.26	5
6	1.66	1.11 B	0.980B	6.15	1.54	2.69	1.05	1.21	1.06	1.24	2.60	7.48	6
7	1.58	1.12 B	1.00 B	5.17	1.53	2.40	1.09	1.13	1.04	1.40	2.22	5.30	7
8	1.62	1.12 B	0.990B	3.80	1.76	2.04	1.11	1.13	1.00	1.67	2.16	3.57	8
9	1.47 B	1.11	0.980B	3.80	1.79	1.80	0.984	1.42	0.988	1.49	2.00	2.89	9
10	1.35 B	1.12	1.02 B	3.96	1.73	1.66	1.02	1.33	0.915	1.36	1.74	2.57	10
11	1.20 B	1.13	1.08 B	4.04	1.55	1.61	1.02	1.18	0.949	1.38	1.70	2.28	11
12	1.20	1.12	1.44	4.02	1.46	1.50	1.12	1.12	1.04	1.38	2.15	1.98	12
13	1.28	0.955	2.08	5.55	1.38	1.67	1.13	1.18	1.08	1.33	2.58	1.07B	13
14	1.18	1.10	2.75	5.67	1.32	1.75	0.938	1.09	1.01	1.32	2.15	1.02B	14
15	1.16	1.18	2.37	5.68	1.10	1.77	0.973	1.03	2.31	1.55	1.86	1.00B	15
16	1.14 B	1.22	2.19	6.24	1.58	2.75	0.944	1.08	1.63	1.57	1.73	3.71	16
17	1.13 B	1.24	1.97	10.9	1.57	2.12	1.04	1.03	1.29	1.56	1.61	3.19	17
18	1.13 B	1.15	1.90	9.95	1.38	1.77	1.33	1.02	1.72	1.47	1.55	2.91	18
19	1.13 B	1.15	1.79	6.33	1.21	2.42	1.81	1.01	1.78	1.40	1.55	2.37	19
20	1.13 B	1.08	1.73	5.93	1.40	2.98	1.66	2.27	1.43	1.39	1.63	2.17	20
21	1.13 B	1.20	1.81	6.33	1.41	3.58	1.31	2.06	1.33	1.47	2.58	2.11	21
22	1.11 B	1.29	1.71	4.40	1.32	3.13	1.17	1.38	1.37	1.42	2.94	1.98	22
23	1.07	1.24	1.92	3.55	1.36	2.36	1.12	1.37	1.95	1.35	2.39	1.98	23
24	1.23	1.18	2.28	3.08	1.37	1.90	1.04	1.33	1.89	1.31	3.17	3.09	24
25	1.17 B	1.11 B	2.82	2.81	1.33	1.67	1.02	2.25	1.96	1.29	2.74	7.62	25
26	1.10 B	1.00 B	2.79	2.63	1.38	1.84	1.03	2.34	2.05	1.26	2.23	8.26	26
27	1.06 B	0.940B	2.43	2.56	1.31	1.75	1.03	1.65	2.05	1.24	2.05	5.17	27
28	1.00 B	1.11 B	2.60	2.39	1.99	1.55	1.67	1.38	2.36	1.23	1.89	4.35	28
29	0.940B		1.95	1.96	2.38	1.47	1.69	1.26	1.98	1.24	2.51	4.08	29
30	0.930B		2.30	2.00	2.10	1.38	1.30	1.22	1.69	1.26	3.34	3.05	30
31	1.10 B		16.3		2.40		1.18	1.20		1.27		2.82	31
TOTAL	38.170	31.635	68.270	193.87	49.34	59.59	36.819	42.08	43.572	42.92	70.09	104.52	TOTAL
MEAN	1.23	1.13	2.20	6.46	1.59	1.99	1.19	1.36	1.45	1.38	2.34	3.37	MEAN
MAX	1.68	1.29	16.3	25.4	2.40	3.58	1.81	2.34	2.36	1.67	3.48	8.26	MAX
MIN	0.930	0.940	0.960	1.96	1.10	1.38	0.938	1.01	0.915	1.23	1.55	1.80	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.14
MAXIMUM DAILY, 25.4 ON APR 1
MINIMUM DAILY, 0.915 ON SEP 10
MAXIMUM INSTANTANEOUS,
32.5 AT 00:16 EST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 50 08 N
LONG 80 01 21 W
DRAINAGE AREA, 205 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 300	JUL	3 180
FEB	2 730	AUG	3 640
MAR	5 900	SEP	3 760
APR	16 800	OCT	3 710
MAY	4 260	NOV	6 060
JUN	5 150	DEC	9 030

TOTAL DISCHARGE, 67 500 dam³

REMARKS - MINOR REGULATION FROM ORANGEVILLE DAM

CREDIT RIVER NEAR ORANGEVILLE - STATION NO. 02HB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.446	0.400B	0.295B	4.89	0.563	0.724	0.397	0.363	0.377	0.540	0.783	1.14	1
2	0.387	0.360	0.294B	2.97	0.563	0.616	0.361	0.364	0.398	0.519	1.89	1.01	2
3	0.416	0.321	0.293B	3.34	0.574	0.554	0.344	0.392	0.447	0.491	1.27	0.982	3
4	0.535	0.387	0.292B	3.01	0.516	0.519	0.330	0.602	0.406	0.476	1.15	1.40	4
5	0.673	0.376	0.290B	2.16	0.459	0.582	0.349	0.593	0.370	0.435	1.22	1.59	5
6	0.599	0.360B	0.289B	1.76	0.384	1.12	0.320	0.410	0.362	0.440	0.853	3.22	6
7	0.519	0.351B	0.288B	1.35	0.393	0.828	0.332	0.365	0.355	0.539	0.722	2.04	7
8	0.491	0.340B	0.288B	1.22	0.474	0.640	0.334	0.363	0.351	0.691	0.717	1.60	8
9	0.448	0.337B	0.287B	1.24	0.537	0.569	0.324	0.554	0.356	0.553	0.634	1.34	9
10	0.417	0.335B	0.310B	1.29	0.551	0.545	0.336	0.479	0.343	0.492	0.591	1.14	10
11	0.432	0.332B	0.388	1.29	0.461	0.528	0.332	0.373	0.341	0.483	0.601	1.05	11
12	0.395	0.331B	0.582	1.32	0.396	0.481	0.376	0.353	0.436	0.488	0.849	0.956	12
13	0.390	0.330B	1.19	1.67	0.381	0.480	0.375	0.353	0.387	0.458	1.06	0.856	13
14	0.385	0.326B	1.37	1.71	0.403	0.476	0.327	0.344	0.590	0.455	0.731	0.834	14
15	0.397	0.339	0.903	1.65	0.367	0.542	0.344	0.323	1.77	0.528	0.667	0.819	15
16	0.385B	0.356	0.715	1.78	0.435	1.08	0.316	0.318	0.750	0.572	0.621	1.37	16
17	0.382B	0.369	0.656	2.88	0.490	0.696	0.326	0.296	0.542	0.575	0.579	1.32	17
18	0.380B	0.320	0.583	2.53	0.404	0.568	0.478	0.297	0.837	0.507	0.572	1.15	18
19	0.379B	0.306	0.532	1.82	0.389	0.997	0.898	0.305	0.797	0.458	0.569	1.03	19
20	0.375B	0.416	0.531	1.80	0.528	1.19	0.635	1.44	0.534	0.464	0.618	0.991	20
21	0.370B	0.398	0.551	1.93	0.585	1.49	0.405	0.950	0.482	0.512	1.15	0.962	21
22	0.366B	0.331	0.557	1.48	0.516	1.03	0.355	0.511	0.503	0.456	1.19	0.907	22
23	0.361	0.325	0.643	1.25	0.490	0.679	0.330	0.560	0.774	0.419	0.846	0.902	23
24	0.436	0.318B	0.839	1.08	0.504	0.520	0.320	0.506	0.736	0.395	1.37	1.18	24
25	0.419	0.310B	0.983	0.932	0.517	0.464	0.313	0.988	0.710	0.410	1.03	2.45	25
26	0.388	0.303B	0.883	0.875	0.528	0.588	0.323	1.02	0.866	0.409	0.800	2.71	26
27	0.367	0.300B	0.571	0.913	0.474	0.557	0.335	0.566	0.762	0.396	0.763	1.87	27
28	0.366	0.318B	0.505	0.679	0.596	0.478	0.598	0.440	0.943	0.396	0.718	1.65	28
29	0.352		0.520	0.595	0.903	0.449	0.668	0.408	0.711	0.440	1.19	1.34	29
30	0.365		0.698	0.612	0.839	0.426	0.429	0.412	0.576	0.443	1.09	1.24	30
31	0.384		5.70		0.883		0.373	0.403		0.448		1.08	31
TOTAL	12.997	9.595	22.786	51.946	16.103	20.416	12.273	15.651	17.812	14.888	27.244	42.329	TOTAL
MEAN	0.419	0.343	0.735	1.73	0.519	0.681	0.396	0.505	0.594	0.480	0.908	1.37	MEAN
MAX	0.673	0.416	5.70	4.89	0.903	1.49	0.898	1.44	1.77	0.691	1.89	3.22	MAX
MIN	0.352	0.300	0.287	0.595	0.367	0.426	0.313	0.296	0.341	0.395	0.569	0.819	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.723
MAXIMUM DAILY, 5.70 ON MAR 31
MINIMUM DAILY, 0.287B ON MAR 9
MAXIMUM INSTANTANEOUS,
8.33 AT 19:14 EST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 29 N
LONG 80 03 47 W
DRAINAGE AREA, 63.2 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 120	JUL	1 060
FEB	830	AUG	1 350
MAR	1 970	SEP	1 540
APR	4 490	OCT	1 290
MAY	1 390	NOV	2 350
JUN	1 760	DEC	3 660

TOTAL DISCHARGE, 22 800 dam³

CREDIT RIVER WEST BRANCH AT NORVAL - STATION NO. 02HB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.732	0.519	0.669	21.4	1.39	1.02	2.45	0.550	0.527	0.798	0.828	2.36	1
2	0.703	0.519	0.649	11.6	1.36	0.978	1.57	0.621	0.631	0.710	1.58	1.78	2
3	0.720	0.548	0.615	12.2	1.34	0.837	1.30	0.644	0.579	0.668	2.10	1.59	3
4	0.951	0.566	0.595	10.6	1.22	0.799	1.13	1.02	0.512	0.625	3.18	2.79	4
5	1.35	0.573	0.618	6.45	1.17	0.981	1.03	0.706	0.486	0.625	2.75	3.27	5
6	1.34	0.586	0.652	4.83	1.09	2.81	0.928	0.626	0.472	0.629	2.02	6.84	6
7	1.27	0.597	0.654	3.86	1.12	2.92	0.913	0.557	0.465	1.11	1.45	4.89	7
8	1.13	0.603	0.628	3.36	1.68	2.09	0.826	0.608	0.448	1.27	1.23	2.84	8
9	1.06	0.588	0.636	3.52	1.55	1.50	0.755	0.791	0.423	0.990	1.13	2.19	9
10	1.04 B	0.603	0.641	3.93	1.40	1.16	0.719	0.624	0.394	0.851	1.05	1.73	10
11	1.02 B	0.659	0.680	4.02	1.28	1.03	0.719	0.554	0.404	0.936	1.14	1.55	11
12	1.00 B	0.653	0.830	3.86	1.14	0.897	0.709	0.506	0.427	0.810	1.53	1.47	12
13	0.960B	0.638	1.29	5.02	1.05	0.841	0.644	0.504	0.418	0.814	1.78	0.907	13
14	0.930B	0.596	2.39	5.35	0.983	0.800	0.627	0.448	0.971	0.738	1.61	1.61	14
15	0.910B	0.594	3.33	4.73	0.967	0.767	0.620	0.441	0.693	0.867	1.36	1.09	15
16	0.890B	0.648	3.80	4.60	0.948	1.09	0.589	0.488	0.583	0.774	1.09	2.70	16
17	0.870B	0.684	3.85	7.52	0.895	1.39	0.820	0.436	0.493	0.750	0.984	1.89	17
18	0.840B	0.680	4.00	6.70	0.848	1.13	1.08	0.419	0.921	0.732	0.921	1.76	18
19	0.810B	0.661	3.88	4.58	0.820	1.62	0.907	0.435	0.670	0.698	0.869	1.10	19
20	0.780B	0.685	4.04	4.66	0.980	2.08	0.994	0.589	0.622	0.764	0.848	1.27	20
21	0.770B	0.686	4.19	5.55	0.842	3.03	0.669	0.447	0.578	0.701	1.65	1.20	21
22	0.740B	0.705	4.05	3.88	0.795	2.75	0.579	0.467	0.904	0.643	2.18	1.14	22
23	0.719	0.708	4.44	2.80	0.916	2.17	0.548	0.512	1.59	0.619	2.05	1.15	23
24	0.696	0.670	5.94	2.42	0.871	1.50	0.527	0.470	1.06	0.610	2.70	2.36	24
25	0.677	0.649	9.87	2.18	0.866	1.23	0.521	2.62	1.31	0.657	2.27	9.95	25
26	0.657	0.659	8.61	2.04	0.821	1.36	0.499	1.17	1.06	0.629	1.64	10.4	26
27	0.619	0.630	6.88	2.02	0.790	1.27	0.518	0.900	1.76	0.583	1.30	5.09	27
28	0.585	0.643	5.47	1.88	1.22	1.16	1.01	0.699	1.54	0.576	1.25	4.08	28
29	0.540		4.55	1.65	1.17	15.1	0.712	0.591	1.26	0.576	2.20	3.26	29
30	0.514		4.17	1.51	1.17	5.48	0.585	0.582	1.03	0.569	2.73	2.20	30
31	0.507		18.4		1.07		0.592	0.531		0.592		1.81	31
TOTAL	26.330	17.546	111.017	158.72	33.762	61.790	26.050	20.514	23.191	22.906	49.420	87.567	TOTAL
MEAN	0.849	0.627	3.58	5.29	1.09	2.06	0.840	0.662	0.773	0.739	1.65	2.82	MEAN
MAX	1.35	0.708	18.4	21.4	1.68	15.1	2.45	2.62	1.76	1.27	3.18	10.4	MAX
MIN	0.507	0.519	0.595	1.51	0.790	0.767	0.499	0.419	0.394	0.569	0.828	0.907	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.75
MAXIMUM DAILY, 21.4 ON APR 1
MINIMUM DAILY, 0.394 ON SEP 10
MAXIMUM INSTANTANEOUS,
27.9 AT 06:14 EST ON JUN 29

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 47 N
LONG 79 51 57 W
DRAINAGE AREA, 127 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 270	JUL	2 250
FEB	1 520	AUG	1 710
MAR	9 590	SEP	2 000
APR	13 700	OCT	1 910
MAY	2 920	NOV	4 270
JUN	5 340	DEC	7 570

TOTAL DISCHARGE, 55 200 dam³

CROWE RIVER AT MARMORA - STATION NO. 02HK003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.1	13.1 B	8.65	32.0	119	31.8	17.7	3.17	2.12	4.29	10.5	42.0	1
2	16.0	13.2 B	8.45	36.4	110	32.4	16.0	3.04	2.07	3.14	11.1	42.7	2
3	15.8	13.3	8.37	43.3	102	30.7	15.2	2.98	2.16	3.18	13.5	46.0	3
4	16.1	13.3 B	8.43	50.2	94.5	28.5	14.3	3.08	1.87	3.35	18.5	49.4	4
5	16.7	13.3	8.78	54.3	84.9	26.6	11.2	2.70	1.87	3.58	21.0	52.9	5
6	16.5	13.4	8.62	57.5	74.1	26.1	8.04	2.32	2.01	3.59	22.0	58.4	6
7	16.7	13.2	8.55	58.8	59.7	25.4	8.11	2.15	2.12	3.59	22.0	63.3	7
8	16.6	12.8	8.66	58.3	49.8	23.9	6.91	2.17	2.08	3.71	22.6	66.1	8
9	16.6	12.6	8.56	57.5	50.9	17.7	6.07	2.24	2.07	3.87	22.8	68.0	9
10	16.3B	12.3	8.39	57.8	50.7	11.2	6.13	2.13	2.01	3.87	23.1	68.3	10
11	16.0B	12.0	8.29	58.6	49.0	8.74	6.23	2.18	1.83	4.05	23.4	67.5	11
12	15.7B	11.9	8.58	59.1	45.2	9.25	5.90	2.34	1.87	14.3	24.1	64.8	12
13	15.5	11.5	9.45	61.0	36.3	10.0	5.09A	2.37	1.92	30.1	24.4	61.5	13
14	15.1	11.2	10.3	64.7	26.6	12.9	4.49A	2.24	2.00	30.6	23.9	58.2	14
15	14.8	10.8	9.92	69.5	29.3	15.2	2.18A	2.29	2.08	13.8	24.1	55.4	15
16	14.5	9.96	10.4	76.0	29.9	18.3	2.44A	2.31	3.04	9.12	25.3	55.1	16
17	14.4	9.68	11.4	85.4	29.3	19.4	3.54A	2.26	6.41	9.90	27.7	54.4	17
18	14.3	9.56	17.8	99.2	28.5	19.0	2.71A	2.19	7.24	10.8	26.4	53.3	18
19	13.6	9.55	21.2	113	25.9	18.9	3.54A	2.28	7.12	12.1	25.4	52.7	19
20	13.4	9.35	18.8	125	23.0	18.9	5.59A	2.34	6.21	13.8	24.9	52.5	20
21	13.0	9.29	18.0	140	20.5	18.6	5.21A	2.37	5.33	13.6	25.3	51.8	21
22	12.9	9.30	18.4	149	19.5	18.8	3.83A	2.48	4.78	12.9	26.3	50.2	22
23	13.5	9.11	18.7	154	19.7	20.4	3.83A	2.45	3.68	12.4	27.7	48.5	23
24	13.5	9.03	19.3	155	21.2	23.3	3.26A	2.21	3.68	11.9	30.5	48.3	24
25	13.3B	9.07	22.9	154	22.1	24.4	3.83A	2.46	3.66	11.7	32.8	49.7	25
26	13.1	9.06	26.8	151	22.8	24.5	3.83A	2.29	3.69	11.3	34.7	54.4	26
27	12.9B	8.73	25.9	147	23.1	24.1	3.54A	2.22	3.96	11.3	36.1	57.8	27
28	12.8B	8.55	25.3	140	25.0	20.9	3.37A	2.06	5.21	10.8	36.9	63.1	28
29	12.7		25.3	133	27.3	18.7	3.85	2.02	5.35	10.9	40.1	67.9	29
30	12.6		25.7	126	27.7	19.0	3.76	2.12	5.39	11.1	42.1	70.3	30
31	12.9		27.8		28.9		3.49	2.21		11.2		71.3	31
TOTAL	453.8	300.14	485.68	2 766.6	1 376.4	617.09	193.17	73.67	104.83	313.04	769.2	1 766.8	TOTAL
MEAN	14.6	11.0	15.0	92.2	44.4	20.6	6.23	2.38	3.49	10.1	25.6	57.0	MEAN
MAX	16.7	13.4	27.8	155	119	32.4	17.7	3.17	7.24	30.6	42.1	71.3	MAX
MIN	12.6	8.55	8.29	32.0	19.5	8.74	2.18	2.02	1.83	3.14	10.5	42.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.2
MAXIMUM DAILY, 155 ON APR 24
MINIMUM DAILY, 1.83 ON SEP 11
MAXIMUM INSTANTANEOUS,
156 AT 16:23 EST ON APR 24

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 28 54 N
LONG 77 41 08 W
DRAINAGE AREA, 1 990 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	39 200	JUL	15 700
FEB	26 600	AUG	6 370
MAR	48 200	SEP	9 060
APR	239 000	OCT	27 000
MAY	119 000	NOV	66 500
JUN	53 300	DEC	153 000

TOTAL DISCHARGE, 796 000 dam³

CROWE RIVER NEAR GLEN ALDA - STATION NO. 02HK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.77	3.82B	2.73B	5.35	32.1	7.89	4.86	1.99	1.18	2.39	2.63	10.9	1
2	3.64	3.80B	2.78B	5.12	29.3	7.79	4.68	2.02	1.38	2.36	2.77	11.3	2
3	3.68	3.78B	2.80B	5.92	26.7	7.63	4.64	2.02	1.45	2.33	3.25	12.8	3
4	3.75	3.73B	2.82B	6.62	23.9	7.94	4.52	1.95	1.45	2.38	3.80	13.9	4
5	3.79	3.68B	2.84B	6.81	21.0	7.93	4.34	1.87	1.32	2.25	4.20	14.5	5
6	3.78	3.63B	2.86B	7.14	19.2	7.87	4.18	1.81	1.58	2.22	4.17	16.0	6
7	3.78	3.60B	2.87B	7.73	18.1	7.86	4.02	1.74	1.78	2.24	4.00	17.0	7
8	3.77	3.59B	2.88B	8.50	17.0	7.61	3.77	1.71	1.69	2.32	3.90	17.1	8
9	3.72	3.58B	2.89B	9.08	15.8	6.86	3.58	1.71	1.53	2.45	3.81	17.1	9
10	3.65B	3.58B	2.90B	9.64	14.9	6.44	3.44	1.67	1.40	2.58	3.76	17.8B	10
11	3.60B	3.57B	2.91B	10.3	14.0	6.05	3.36	1.59	1.30	2.68	3.79	18.0B	11
12	3.54B	3.54B	3.00B	11.0	13.3	5.73	3.29	1.41	1.24	2.68	4.26	18.9B	12
13	3.48B	3.53B	3.25B	12.4	12.6	5.54	3.15	1.35	1.18	2.62	4.79	20.0B	13
14	3.40B	2.51B	3.40B	13.8	11.8	5.32	3.04	1.28	1.16	2.62	4.85	18.3B	14
15	3.35B	2.50B	3.45B	15.9	11.3	5.22	2.96	1.24	1.30	2.65	4.82	16.0B	15
16	3.30B	2.50B	3.46B	17.2	10.8	5.77	2.88	1.19	1.37	2.99	5.07	16.7	16
17	3.23B	2.51B	3.47B	20.3	10.3	5.76	2.83	1.13	1.23	3.70	5.55	16.4B	17
18	3.16B	2.52B	3.56B	26.6	9.80	5.56	2.80	1.08	1.36	3.86	5.53	16.3B	18
19	3.11B	2.51B	3.68	29.8	9.41	5.62	2.85	1.10	1.43	3.72	5.47	15.3	19
20	3.06B	2.49B	3.65	33.3	9.33	6.11	2.71	1.17	1.42	3.58	5.82	14.9	20
21	3.00B	2.45B	3.65	41.1	9.05	6.21	2.60	1.13	1.32	3.49	7.09	14.8	21
22	2.96B	2.44B	3.69	42.7	8.58	6.18	2.50	1.08	1.28	3.39	7.83	14.8E	22
23	2.94B	2.43B	3.76	42.8	8.22	6.38	2.39	1.20	1.28	3.26	8.03	15.0E	23
24	2.90B	2.43B	3.82	42.7	8.57	6.48	2.33	1.20	1.48	3.12	8.82	16.5E	24
25	2.87B	2.45B	3.93	43.0	8.87	6.85	2.24	1.34	1.70	3.01	9.20	17.1E	25
26	2.88B	2.50B	4.08	43.0	8.72	6.76	2.14	1.43	1.60	2.94	9.35	15.8E	26
27	2.90B	2.55B	4.15	42.9	8.39	6.61	2.16	1.44	1.62	2.90	8.95B	16.7E	27
28	2.99B	2.61B	4.21	41.0	8.13	6.45	2.37	1.32	1.69	2.89	9.13B	18.3E	28
29	3.02B		4.35	37.9	8.26	6.03	2.35	1.29	1.95	2.79	10.0	19.5E	29
30	3.00B		4.56	35.0	8.11	5.20	2.17	1.23	2.39	2.62	10.5	18.8E	30
31	2.90B		4.98		7.95		2.07	1.17		2.65		18.4E	31
TOTAL	102.92	71.83	107.38	674.61	423.49	195.65	97.22	44.86	44.06	87.42	175.14	504.9	TOTAL
MEAN	3.32	2.57	3.46	22.5	13.7	6.52	3.14	1.45	1.47	2.82	5.84	16.3	MEAN
MAX	3.79	3.82	4.98	43.0	32.1	7.94	4.86	2.02	2.39	3.86	10.5	20.0	MAX
MIN	2.87	2.43	2.73	5.12	7.95	5.20	2.07	1.08	1.16	2.22	2.63	10.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.93
MAXIMUM DAILY, 43.0 ON APR 25
MINIMUM DAILY, 1.08 ON AUG 18
MAXIMUM INSTANTANEOUS,
43.3 AT 23:22 EST ON APR 25

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 40 N
LONG 77 55 52 W
DRAINAGE AREA, 456 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 890	JUL	8 400
FEB	6 210	AUG	3 880
MAR	9 280	SEP	3 810
APR	58 300	OCT	7 550
MAY	36 600	NOV	15 100
JUN	16 900	DEC	43 600

TOTAL DISCHARGE, 219 000 dam³

CURRENT RIVER NEAR STEPSTONE - STATION NO. 02AB015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.02 B	0.767B	0.533B	0.531B	47.6	4.78	1.93	6.52	1.60	1.68	7.84	10.5 B	1
2	1.01 B	0.759B	0.527B	0.580B	43.9	4.42	1.77	4.74	1.59	1.74	7.38	9.19	2
3	1.00 B	0.748B	0.523B	0.605B	40.6	4.07	1.64	13.7	1.58	1.88	7.08	9.51	3
4	0.998B	0.740B	0.520B	0.640B	37.2	3.77	1.59	10.5	1.55	2.09	7.41	9.51	4
5	0.995B	0.730B	0.513B	0.670B	34.7	3.49	1.51	14.3	1.49	2.22	7.38	9.21	5
6	0.985B	0.720B	0.509B	0.703B	32.7	3.00	6.17	11.3	1.44	3.21	7.17	8.88	6
7	0.977B	0.711B	0.504B	0.740B	31.6	2.89	9.76	9.39	1.35	7.11	6.90	8.85	7
8	0.970B	0.701B	0.502B	0.792B	29.6	2.80	11.1	8.22	1.26	9.70	6.70	7.80B	8
9	0.962B	0.695B	0.501B	0.840B	25.3	2.76	10.6	7.52	1.21	11.6	6.36	6.69B	9
10	0.959B	0.690B	0.500B	0.900B	22.7	3.57	9.38	6.58	1.17	18.2	6.18	5.80B	10
11	0.950B	0.678B	0.498B	0.970B	25.9	3.32	8.36	5.87	1.13	26.3	6.31	5.14B	11
12	0.940B	0.668B	0.495B	1.04 B	27.8	2.99	7.25	5.08	1.12	27.4	6.27	4.67B	12
13	0.935B	0.660B	0.490B	1.13 B	26.6	2.79	7.07	4.50	1.25	25.9	5.86	4.30B	13
14	0.930B	0.650B	0.489B	1.24 B	27.8	3.25	7.16	3.89	1.55	22.9	5.57	3.93B	14
15	0.918B	0.643B	0.485B	1.36 B	28.4	3.51	6.67	3.43	1.66	19.6	5.28	3.68B	15
16	0.905B	0.631B	0.483B	1.48 B	26.7	3.20	6.20	3.14	1.65	16.3	5.10	3.43B	16
17	0.900B	0.622B	0.482B	1.63 B	23.5	3.26	6.25	2.80	1.64	14.2	4.90	3.21B	17
18	0.895B	0.615B	0.481B	1.83 B	. .8	3.12	6.46	2.61	1.69	13.3	4.70	3.02B	18
19	0.885B	0.602B	0.480B	2.06 B	40.6	2.95	6.13	3.06	1.72	13.2	4.74	2.85B	19
20	0.872B	0.598B	0.481B	2.38 B	18.6	2.83	5.46	2.69	1.73	12.6	12.0	2.76B	20
21	0.862B	0.590B	0.484B	2.80 B	16.0	2.99	4.91	2.45	1.71	11.3	47.4	2.67B	21
22	0.855B	0.580B	0.487B	3.35 B	14.0	2.88	4.51	2.55	1.62	10.2	45.2	2.58B	22
23	0.843B	0.573B	0.490B	6.37	12.3	2.68	4.02	2.48	1.57	9.46	35.8	2.51B	23
24	0.840B	0.568B	0.494B	14.8	10.7	2.70	3.57	2.41	1.59	8.81	27.3	2.45B	24
25	0.830B	0.560B	0.497B	36.7	9.58	2.67	3.28	2.30	1.57	8.22	23.9	2.38B	25
26	0.822B	0.555B	0.500B	56.4	8.55	2.53	3.11	2.19	1.53	7.59	22.2	2.32B	26
27	0.816B	0.548B	0.507B	55.1	7.50	2.36	3.05	2.10	1.49	7.05	21.7	2.28B	27
28	0.802B	0.541B	0.515B	50.9	6.62	2.37	3.05	1.98	1.47	6.74	18.7 B	2.23B	28
29	0.798B		0.522B	50.8	6.01	2.29	4.08	1.84	1.48	7.49	15.2 B	2.18B	29
30	0.785B		0.533B	50.9	5.59	2.13	7.01	1.79	1.56	8.34	12.3 B	2.16B	30
31	0.775B		0.546B		5.04		7.92	1.67		8.31		2.12B	31
TOTAL	28.034	18.143	15.571	350.241	695.49	92.37	170.97	161.60	44.97	344.64	400.83	148.81	TOTAL
MEAN	0.904	0.648	0.502	11.7	22.4	3.08	5.52	5.21	1.50	11.1	13.4	4.80	MEAN
MAX	1.02	0.767	0.546	56.4	47.6	4.78	11.1	18.5	1.73	27.4	47.4	10.5	MAX
MIN	0.775	0.541	0.480	0.531	5.04	2.13	1.51	1.67	1.12	1.68	4.70	2.12	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.77
MAXIMUM DAILY, 56.4 ON APR 26
MINIMUM DAILY, 0.480B ON MAR 19
MAXIMUM INSTANTANEOUS,
58.8 AT 16:01 EST ON APR 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 32 10 N
LONG 89 14 10 W
DRAINAGE AREA, 492 km²

B - ICE CONDITIONS

REGULATED SINCE 1972

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 420	JUL	14 800
FEB	1 570	AUG	14 000
MAR	1 350	SEP	3 890
APR	30 300	OCT	29 800
MAY	69 100	NOV	34 600
JUN	7 980	DEC	12 900

TOTAL DISCHARGE, 214 000 dam³

DEDRICK CREEK NEAR PORT ROWAN - STATION NO. 02GC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.890	0.430B	0.400B	5.94	0.720	1.39	0.956	0.173	0.109	0.407	0.700	1.59	1
2	1.10	0.420B	0.400B	3.65	0.757	1.55	0.746	0.254	0.143	0.416	2.39	1.32	2
3	0.911	0.418B	0.400B	2.92	0.677	1.08	0.674	0.321	0.155	0.352	2.74	1.21	3
4	2.41	0.415B	0.435B	2.91	0.597	0.889	0.640	0.241	0.108	0.315	2.79	1.30	4
5	3.51	0.410B	0.460B	2.28	0.605	1.11	0.582	0.212	0.042	0.506	2.59	1.45	5
6	2.28	0.408B	0.440B	1.79	0.600	3.66	0.574	0.161	0.034	0.446	1.59	2.35	6
7	1.58	0.406B	0.430B	1.91	0.574	3.51	0.500	0.149	0.014	0.349	1.13	1.82	7
8	1.25	0.403B	0.425B	1.74	0.763	2.07	0.455	0.223	0.001	0.487	0.949	1.31	8
9	1.06	0.402B	0.420B	2.12	0.971	1.46	0.405	0.408	0	0.514	0.838	1.12	9
10	0.840B	0.401B	0.420B	2.49	0.809	1.15	0.354	0.272	0	0.396	0.755	1.02	10
11	0.760B	0.401B	3.00 B	2.64	0.686	0.986	0.346	0.210	0	0.383	1.12	0.963	11
12	0.660B	0.400B	6.40 B	2.78	0.621	0.874	0.309	0.166	0	0.353	2.18	0.869	12
13	0.600B	0.400B	10.4	2.68	0.610	0.813	0.289	0.148	0	0.328	1.73	0.830B	13
14	0.560B	0.400B	12.1	2.52	0.540	0.731	0.259	0.117	0	0.315	1.24	0.781	14
15	0.530B	0.400B	9.02	1.96	0.512	0.656	0.206	0.110	0	0.340	1.00	0.907	15
16	0.510B	0.405B	7.30	1.60	0.492	0.797	0.177	0.105	0.048	0.364	0.870	3.84	16
17	0.490B	0.460B	9.54	1.90	0.482	0.785	0.103	0.007	0.072	0.363	0.807	3.59	17
18	0.470B	0.455B	6.44	2.32	0.453	0.688	0.061	0.002	0.130	0.353	0.744	1.82	18
19	0.460B	0.445B	4.87	1.83	0.423	0.659	0.047	0	0.154	0.352	0.705	1.32	19
20	0.450B	0.440B	4.01	1.71	0.441	0.705	0.090	0.036	0.134	0.331	0.728	1.38	20
21	0.445B	0.435B	4.28	3.10	0.470	0.849	0.028	0.051	0.120	0.387	2.54	1.41	21
22	0.435B	0.430B	4.00	2.67	0.535	1.26	0.016	0.008	0.213	0.398	3.59	1.28	22
23	0.435B	0.425B	4.00	1.83	0.891	1.10	0	0.055	0.839	0.380	2.41	1.33	23
24	0.440B	0.420B	4.00	1.42	0.662	0.911	0	0.081	0.970	0.387	2.88	3.44	24
25	0.500B	0.415B	3.82	1.18	0.541	0.742	0	0.321	0.664	0.365	2.30	6.58	25
26	0.480B	0.410B	3.51	1.06	0.459	0.674	0	0.238	0.614	0.362	1.58	10.7	26
27	0.470B	0.405B	2.87	1.02	2.35	0.751	0	0.132	0.695	0.350	1.43	5.13	27
28	0.460B	0.403B	2.18	0.901	3.60	0.728	0.193	0.114	0.856	0.338	1.40	4.71	28
29	0.450B		1.91	0.805	3.19	1.02	0.269	0.056	0.600	0.350	2.60	3.93	29
30	0.440B		2.12	0.752	1.71	1.17	0.172	0.059	0.562	0.348	2.21	2.51	30
31	0.435B		4.79		1.16		0.150	0.109		0.381		1.74	31
TOTAL	26.311	11.662	114.790	64.428	27.901	34.688	8.601	4.539	7.277	11.716	50.536	73.550	TOTAL
MEAN	0.849	0.417	3.70	2.15	0.900	1.16	0.277	0.146	0.243	0.378	1.68	2.37	MEAN
MAX	3.51	0.460	12.1	5.94	3.60	3.66	0.956	0.408	0.970	0.514	3.59	10.7	MAX
MIN	0.435	0.400	0.400	0.752	0.423	0.656	0	0	0	0.315	0.700	0.781	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.19
MAXIMUM DAILY, 12.1 ON MAR 14
MINIMUM DAILY, 0 ON JUL 23
MAXIMUM INSTANTANEOUS,
17.5 AT 20:58 EST ON MAR 13

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 37 41 N
LONG 80 28 20 W
DRAINAGE AREA, 75.9 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 270	JUL	743
FEB	1 010	AUG	392
MAR	9 920	SEP	629
APR	5 570	OCT	1 010
MAY	2 410	NOV	4 370
JUN	3 000	DEC	6 350

TOTAL DISCHARGE, 37 700 dam³

DEPOT CREEK AT BELLROCK - STATION NO. 02HN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.86B	1.51B	1.24B	8.31	2.98	2.01	1.44	1.43	1.33	1.75E	1.16	2.29	1
2	1.90B	1.50B	1.22B	9.31	2.63	2.00	1.38	1.45	1.69	1.71	1.20	2.25	2
3	2.00B	1.52B	1.21B	9.26	2.17	1.99	1.37	1.96	1.63	1.68	1.18	2.52	3
4	2.07B	1.58B	1.26B	8.49	2.61	1.75	1.35	1.43	1.70	1.68	1.57	2.78	4
5	2.12B	1.54B	1.32B	7.87	2.78	1.67	1.34	1.15	1.75	1.67E	1.97	2.79	5
6	2.16B	1.52B	1.30B	6.92	2.84	1.71	1.31	1.11	1.82	1.66E	1.81	2.82	6
7	2.07B	1.50B	1.28B	6.21	2.83	1.76	1.32	1.43	1.79	1.76E	1.69	2.63	7
8	2.02B	1.48B	1.26B	5.53	2.57	1.74	1.34	1.34	1.75	1.86E	1.60	2.38	8
9	1.96B	1.47B	1.24B	5.09	2.49	1.65	1.34	1.43	1.74	1.75E	1.46	2.13	9
10	1.90B	1.44B	1.21B	4.91	2.19	1.57	1.29	1.50	1.76	1.72E	1.38	1.95	10
11	1.85B	1.42B	1.29B	4.77	2.04	1.55	1.33	1.45	1.78	1.68	1.30	1.83	11
12	1.81B	1.41B	1.43B	4.61	1.91	1.47	1.40	1.14	1.76	1.63	1.36	1.71	12
13	1.76B	1.40B	1.73B	4.57	1.81	1.44	1.32	1.38	1.76	1.61	1.52	1.68	13
14	1.73B	1.38B	2.10B	4.60	1.71	1.43	1.31	1.44E	1.88	1.56	1.47	1.61	14
15	1.70B	1.37B	2.01B	4.31	1.62	1.47	1.31	1.34E	1.96	1.52	1.44	1.61	15
16	1.68B	1.37B	1.97B	4.44	1.55	1.50	1.32	1.33E	1.85	1.49	1.40	2.50	16
17	1.65B	1.36B	1.93B	4.33	1.52	1.47	1.33	1.43	1.79	1.43	1.32	2.75B	17
18	1.63B	1.35B	1.92B	4.20	1.47	1.44	1.40	1.37	1.88	1.43	1.27	2.67B	18
19	1.61B	1.35B	1.91B	3.85	1.45	1.48	1.40	1.22	1.83	1.40	1.25	2.42B	19
20	1.58B	1.34B	1.90B	3.74	1.48	1.43	1.36	1.39	1.82	1.41	1.22	2.26B	20
21	1.53B	1.33B	2.01B	4.49	1.47	2.08	1.32	1.33	1.85	1.38	1.27	2.33B	21
22	1.49B	1.32B	3.13B	4.50	1.45	2.41	1.37	1.31	1.81	1.31	1.37	2.56B	22
23	1.47B	1.30B	2.35B	5.42	1.43	2.73	1.33	1.39	1.89E	1.27	1.36	2.79B	23
24	1.44B	1.29B	2.28B	7.95	1.54	2.47	1.34	1.48	1.85E	1.27	1.76	3.03B	24
25	1.42B	1.28B	2.62B	8.51	1.38	2.17	1.31	1.47	1.86E	1.26	1.75	4.19B	25
26	1.41B	1.27B	3.20B	7.90	1.45	1.96	1.38	1.22	1.80E	1.24	1.75	5.37	26
27	1.40B	1.26B	3.12B	6.77	1.41	1.83	1.33	1.39	1.90E	1.22	1.64	5.35	27
28	1.39B	1.25B	3.00B	5.71	1.61	1.67	1.46	1.39	1.89E	1.19	1.53	5.17	28
29	1.38B		2.91B	4.94	1.95	1.56	1.48	1.38	1.76E	1.19	1.86	5.23	29
30	1.39B		2.80B	3.90	1.84	1.49	1.43	1.34	1.71E	1.47	2.13	5.02	30
31	1.44B		4.90B		1.93		1.41	1.31		1.18		4.90	31
TOTAL	52.82	39.11	62.05	175.41	60.11	52.90	42.12	42.73	53.39	46.38	44.99	91.52	TOTAL
MEAN	1.70	1.40	2.00	5.85	1.94	1.76	1.36	1.38	1.78	1.50	1.50	2.95	MEAN
MAX	2.16	1.58	4.90	9.31	2.98	2.73	1.48	1.96	1.96	1.86	2.13	5.37	MAX
MIN	1.38	1.25	1.21	3.74	1.38	1.43	1.29	1.11	1.33	1.18	1.16	1.61	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.09
MAXIMUM DAILY, 9.31 ON APR 3
MINIMUM DAILY, 1.11 ON AUG 6
MAXIMUM INSTANTANEOUS,
9.95 AT 09:16 EST ON APR 3

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 28 17 N
LONG 76 45 46 W
DRAINAGE AREA, 189 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1957

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 560	JUL	3 640
FEB	3 380	AUG	3 690
MAR	5 360	SEP	4 610
APR	15 200	OCT	4 010
MAY	5 190	NOV	3 890
JUN	4 570	DEC	7 910

TOTAL DISCHARGE, 66 000 dam³

DETROIT RIVER AT AMHERSTBURG - STATION NO. 02GH008

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.38	174.42	174.47	174.65	---	174.70	174.75	174.66	174.58	174.53	174.42	174.49	1
2	174.58	174.53	174.53	174.84	---	174.74	174.73	174.66	174.52	174.59	174.46	174.51	2
3	174.45	174.53	174.55	174.84	174.74	174.82	174.77	174.70	174.47	174.50	174.43	174.49	3
4	174.21	174.52	174.60	174.30	174.76	174.78	174.78	174.66	174.55	174.55	174.38	174.51	4
5	174.37	174.51	174.58	174.85	174.75	174.76	174.77	174.69	174.54	174.52	174.18	174.56	5
6	174.50	174.43	174.64	174.79	174.72	174.77	174.76	174.72	174.54	174.53	174.29	174.40	6
7	174.46	174.35	174.66	174.72	174.71	174.79	174.71	174.69	174.68	174.48	174.37	174.46	7
8	174.36	174.42	174.67	174.77	174.72	174.77	174.74	174.65	174.57	174.50	174.37	174.53	8
9	174.50	174.47	174.64	174.77	174.73	174.80	174.74	174.62	174.54	174.63	174.47	174.51	9
10	174.32	174.44	174.63	174.69	174.74	174.72	174.76	174.64	174.55	174.59	174.54	174.42	10
11	174.09	174.44	174.59	174.68	174.72	174.76	174.68	174.66	174.54	174.45	174.41	174.47	11
12	174.42	174.47	174.57	174.78	174.71	174.75	174.67	174.66	174.55	174.43	174.25	174.46	12
13	174.48	174.47	174.45	174.71	174.73	174.71	174.73	174.65	174.54	174.44	174.34	174.44	13
14	174.50	174.48	174.56	174.76	174.75	174.74	174.74	174.64	174.53	174.29	174.39	174.42	14
15	174.48	174.47	174.69	174.79	174.74	174.69	174.72	174.64	174.54	174.32	174.34	174.47	15
16	174.37	174.51	174.68	174.78	174.71	174.77	174.73	174.63	174.48	174.33	174.38	174.47	16
17	174.35	174.66	174.64	174.68	174.73	174.73	174.70	174.63	174.54	174.43	174.42	174.56	17
18	174.47	174.55	174.67	174.75	174.73	174.76	174.68	174.64	174.46	174.44	174.44	174.56	18
19	174.50	174.49	174.68	174.79	174.69	174.72	174.71	174.57	174.53	174.42	174.45	174.51	19
20	174.53	174.49	174.73	174.73	174.70	174.72	174.73	174.56	174.45	174.20	174.46	174.37	20
21	174.60	174.49	174.61	174.67	174.79	174.68	174.72	174.63	174.48	174.35	174.44	174.45	21
22	174.58	174.49	174.65	174.74	174.80	174.74	174.73	174.59	174.49	174.40	174.52	174.55	22
23	174.41	174.52	174.68	174.72	174.73	174.73	174.72	174.56	174.48	174.40	174.46	174.55	23
24	174.21	174.51	174.69	174.74	174.71	174.74	174.71	174.62	174.49	174.42	174.39	174.54	24
25	174.40	174.57	174.67	174.76	174.71	174.72	174.67	174.54	174.52	174.41	174.35	174.53	25
26	174.42	174.57	174.59	174.75	174.73	174.76	174.69	174.58	174.53	174.41	174.39	174.54	26
27	174.47	174.58	174.65	174.76	174.75	174.76	174.75	174.57	174.52	174.42	174.50	174.64	27
28	174.40	174.57	174.68	174.78	174.75	174.75	174.69	174.60	174.53	174.41	174.54	174.40	28
29	174.48		174.69	174.77	174.74	174.76	174.72	174.60	174.58	174.36	174.39	174.45	29
30	174.49		174.69	174.76	174.74	174.74	174.70	174.59	174.53	174.37	174.49	174.53	30
31	174.67		174.60		174.76		174.66	174.59		174.39		174.59	31
MEAN	174.43	174.50	174.63	174.72	---	174.75	174.72	174.63	174.53	174.44	174.41	174.50	MEAN
MAX	174.67	174.66	174.73	174.85	---	174.82	174.78	174.72	174.64	174.63	174.54	174.64	MAX
MIN	174.09	174.35	174.45	174.30	---	174.68	174.66	174.54	174.45	174.20	174.18	174.37	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1982

MAXIMUM DAILY, 174.85 ON APR 5
MINIMUM DAILY, 174.09 ON JAN 11
MAXIMUM INSTANTANEOUS,
175.25 AT 1:00 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 08 40 N
LONG 83 06 52 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 11995 AMHERSTBURG, ONT

DETROIT RIVER AT LA SALLE - STATION NO. 02GH007

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	174.65	174.64	174.70	---	174.82	174.87	174.82	174.72	174.65	174.50	174.55	1
2	---	174.69	174.61	174.86	---	174.82	174.87	174.81	174.67	174.66	174.52	174.58	2
3	---	174.71	174.64	174.69	174.85	174.86	174.87	174.82	174.62	174.66	174.53	174.60	3
4	---	174.70	174.70	174.33	174.85	174.87	174.88	174.81	174.62	174.66	174.53	174.61	4
5	174.26	174.70	174.68	174.71	174.86	174.88	174.89	174.81	174.64	174.66	174.41	174.64	5
6	174.57	174.67	174.73	174.87	174.85	174.86	174.89	174.81	174.65	174.66	174.32	174.55	6
7	174.61	174.56	174.75	174.83	174.83	174.88	174.87	174.82	174.68	174.65	174.37	174.55	7
8	174.53	174.55	174.76	174.87	174.83	174.88	174.86	174.81	174.69	174.62	174.40	174.59	8
9	174.54	174.65	174.75	174.89	174.83	174.89	174.86	174.80	174.69	174.63	174.46	174.61	9
10	174.58	174.64	174.75	174.81	174.84	174.87	174.87	174.79	174.69	174.66	174.53	174.58	10
11	174.42	174.62	174.71	174.79	174.85	174.85	174.85	174.79	174.69	174.62	174.55	174.55	11
12	174.49	174.63	174.69	174.85	174.84	174.87	174.80	174.79	174.69	174.57	174.48	174.57	12
13	174.59	174.66	174.63	174.82	174.84	174.85	174.82	174.79	174.69	174.57	174.30	174.58	13
14	174.67	174.66	174.63	174.85	174.85	174.84	174.83	174.79	174.68	174.50	174.40	174.57	14
15	174.70	174.66	174.76	174.88	174.85	174.83	174.84	174.79	174.68	174.36	174.41	174.58	15
16	174.62	174.68	174.82	174.89	174.84	174.81	174.84	174.79	174.65	174.38	174.44	174.59	16
17	174.52	174.75	174.77	174.81	174.84	174.83	174.84	174.78	174.65	174.41	174.46	174.61	17
18	174.58	174.74	174.79	174.78	174.84	174.85	174.83	174.77	174.62	174.45	174.49	174.65	18
19	174.64	174.68	174.80	174.87	174.83	174.84	174.83	174.70	174.62	174.47	174.50	174.66	19
20	174.69	174.66	174.84	174.86	174.82	174.84	174.84	174.67	174.62	174.36	174.52	174.55	20
21	174.74	174.64	174.78	174.77	174.84	174.79	174.84	174.71	174.62	174.22	174.54	174.55	21
22	174.74	174.65	174.75	174.83	174.87	174.82	174.84	174.71	174.62	174.32	174.56	174.59	22
23	174.67	174.64	174.79	174.83	174.87	174.83	174.85	174.68	174.62	174.38	174.58	174.63	23
24	174.43	174.70	174.81	174.84	174.84	174.84	174.85	174.70	174.62	174.42	174.56	174.65	24
25	174.49	174.69	174.80	174.86	174.84	174.85	174.84	174.66	174.62	174.44	174.49	174.66	25
26	174.57	174.70	174.73	174.86	174.84	174.85	174.84	174.67	174.63	174.46	174.50	174.62	26
27	174.62	174.70	174.75	174.86	174.85	174.87	174.84	174.69	174.63	174.47	174.53	174.68	27
28	174.63	174.69	174.79	174.87	174.85	174.87	174.83	174.70	174.64	174.48	174.58	174.55	28
29	174.64		174.80	174.87	174.85	174.88	174.83	---	174.64	174.49	174.54	174.55	29
30	174.68		174.81	174.87	174.86	174.87	174.83	174.71	174.65	174.49	174.52	174.64	30
31	174.75		174.72		174.86		174.83	174.71		174.50		174.71	31
MEAN	---	174.67	174.74	174.81	---	174.85	174.85	---	174.65	174.51	174.48	174.60	MEAN
MAX	---	174.75	174.84	174.89	---	174.89	174.89	---	174.72	174.66	174.58	174.71	MAX
MIN	---	174.55	174.61	174.33	---	174.79	174.80	---	174.62	174.22	174.30	174.55	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1982

MAXIMUM DAILY, 174.89 ON APR 9
MINIMUM DAILY, 174.22 ON OCT 21
MAXIMUM INSTANTANEOUS,
174.99 AT 4:15 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 14 38 N
LONG 83 06 19 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 11985 LA SALLE, ONT

DINGMAN CREEK BELOW LAMBETH - STATION NO. 02GE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.980B	0.296B	0.212B	29.2	0.604	5.16	1.51	0.322	0.120	0.219	1.74	6.55	1
2	0.710B	0.288B	0.228B	15.0	0.576	2.70	1.14	0.304	0.114	0.219	2.66	5.54	2
3	0.660B	0.280B	0.245B	6.05	0.610	2.63	0.957	0.268	0.112	0.207	4.52	4.72	3
4	1.20 B	0.280B	0.272B	6.41	0.634	1.87	0.735	0.210	0.104	0.192	5.18	4.30	4
5	2.40 B	0.282B	0.290B	3.19	0.564	0.984	0.721	0.168	0.100	0.171	4.44	3.46	5
6	1.70 B	0.288B	0.290B	3.53	0.496	6.94	0.610	0.120	0.098	0.165	6.00	3.51	6
7	1.15 B	0.275B	0.285B	3.45	0.628	5.50	0.707	0.088	0.092	0.168	9.92	3.32	7
8	0.860B	0.270B	0.275B	2.34	0.688	2.90	0.574	0.252	0.088	0.174	12.1	2.94	8
9	0.730B	0.260B	0.267B	3.68	0.580	1.85	0.382	0.234	0.094	0.156	13.0	3.09	9
10	0.620B	0.250B	0.260B	3.03	0.424	1.20	0.310	0.216	0.100	0.171	8.78	2.87	10
11	0.560B	0.240B	0.265B	3.28	0.406	0.794	0.568	0.204	0.104	0.216	9.24	2.65B	11
12	0.500B	0.232B	0.400B	4.65	0.400	0.688	0.466	0.195	0.104	0.231	8.07	2.40B	12
13	0.460B	0.230B	3.00 B	7.28	0.412	1.65	0.526	0.183	0.096	0.210	6.26	2.10B	13
14	0.620B	0.230B	10.0 B	7.51	0.370	3.04	0.244	0.162	0.096	0.225	2.76	1.88	14
15	0.390B	0.231B	13.0 B	8.05	0.334	3.68	0.231	0.110	0.110	0.231	1.73	2.48	15
16	0.370B	0.235B	12.8 B	2.82	0.316	5.08	0.232	0.086	0.129	0.286	1.00	4.41	16
17	0.350B	0.237B	12.0 B	5.19	0.298	4.14	0.210	0.084	0.132	0.346	1.11	4.34	17
18	0.335B	0.237B	11.5 B	4.04	0.322	1.75	0.219	0.092	0.138	0.292	2.26	3.85	18
19	0.330B	0.235B	11.2 B	2.92	0.842	3.56	0.210	0.092	0.132	0.298	3.19	2.37	19
20	0.325B	0.233B	11.0 B	6.39	1.16	2.86	0.201	0.114	0.141	0.364	10.3	3.10	20
21	0.330B	0.230B	14.0	6.13	0.484	3.78	0.171	0.144	0.135	0.304	12.4	3.26	21
22	0.335B	0.225B	11.6	2.88	0.694	3.42	0.153	0.135	0.168	0.292	11.4	3.60	22
23	0.340B	0.222B	13.0	1.82	0.652	1.49	0.153	0.123	0.201	0.252	10.7	5.64	23
24	0.345B	0.220B	11.4	1.19	0.310	0.948	0.153	0.138	0.192	0.286	9.01	6.31	24
25	0.340B	0.215B	9.41	1.09	0.286	1.17	0.153	0.129	0.216	0.234	7.87	12.1	25
26	0.338B	0.212B	6.80	0.986	0.272	1.73	0.150	0.129	0.222	0.240	7.19	13.6	26
27	0.335B	0.210B	4.20	0.939	0.394	1.21	0.183	0.138	0.264	0.228	7.24	10.8	27
28	0.328B	0.210B	3.32	0.866	6.21	0.770	0.410	0.138	0.260	0.171	7.31	8.39	28
29	0.320B		3.30	0.670	3.89	2.76	0.412	0.129	0.237	0.168	7.11	7.91	29
30	0.312B		4.49	0.610	2.63	3.19	0.388	0.123	0.231	0.153	6.57	5.59	30
31	0.300B		29.8		3.41		0.454	0.126		0.610		5.32	31
TOTAL	18.173	5.850	199.109	144.189	29.674	79.444	13.531	4.966	4.330	7.479	201.06	152.40	TOTAL
MEAN	0.586	0.245	6.42	4.81	0.957	2.65	0.436	0.160	0.144	0.241	6.70	4.92	MEAN
MAX	2.40	0.296	29.8	29.2	6.21	6.94	1.51	0.322	0.264	0.610	13.0	13.6	MAX
MIN	0.300	0.210	0.212	0.610	0.272	0.688	0.150	0.084	0.088	0.153	1.00	1.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.36
MAXIMUM DAILY, 29.8 ON MAR 31
MINIMUM DAILY, 0.084 ON AUG 17

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 42 56 02 N
LONG 81 21 05 W
DRAINAGE AREA, 146 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 570	JUL	1 170
FEB	592	AUG	429
MAR	17 200	SEP	374
APR	12 500	OCT	646
MAY	2 560	NOV	17 400
JUN	6 860	DEC	13 200

TOTAL DISCHARGE, 74 500 dam³

DON RIVER AT TODMORDEN - STATION NO. 02HC024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.71	1.83	2.21	20.9	2.14	4.63	3.69	1.58	1.78	2.34	5.89	4.87	1
2	2.66	1.88	2.06	6.56	2.09	2.09	2.30	2.73	3.06	2.03	13.1	4.04	2
3	2.44	1.86	1.85	25.7	2.06	1.74	2.08	1.99	3.05	1.87	16.4	3.56	3
4	29.4	1.93	1.93	11.8	2.02	1.66	1.94	15.5	1.71	1.80	21.3	6.86	4
5	7.62	1.98	2.88	6.62	1.97	13.1	1.86	2.51	1.52	1.72	12.7	6.76	5
6	4.94	1.92	2.35	4.20	2.09	14.9	1.83	1.99	1.49	1.77	8.08	8.59	6
7	3.50	1.84	2.17	3.17	2.15	4.85	1.80	1.75	1.51	14.2	3.17	5.48	7
8	2.85	1.93	1.96	2.92	7.81	3.53	1.79	4.41	1.45	7.79	2.81	4.03	8
9	2.06	1.97	2.11	2.99	2.63	3.06	1.72	3.69	1.38	3.48	2.62	2.84	9
10	1.81	1.87	2.16	2.89	2.01	2.88	1.71	2.14	1.42	2.46	2.39	2.58	10
11	1.65	1.73	12.0	4.14	1.87	2.37	1.64	1.86	1.46	4.62	3.86	2.49	11
12	1.69	1.76	10.4	3.27	1.89	1.94	1.62	1.70	1.45	3.16	4.18	2.11	12
13	1.87	1.74	44.5	5.25	1.87	5.56	1.63	1.70	1.42	2.56	2.81	2.02	13
14	1.98	1.77	30.6	3.84	1.66	2.85	1.60	1.65	27.6	2.31	2.31	2.29	14
15	1.98	3.84	27.7	3.26	1.75	7.00	1.55	1.62	11.1	2.47	2.23	2.98	15
16	1.93	6.09	20.2	3.14	1.71	6.97	1.43	1.53	4.62	1.96	2.17	12.8	16
17	1.73	3.53	22.5	9.35	1.74	3.14	11.5	1.59	2.47	1.80	2.13	3.97	17
18	1.68	2.30	14.4	4.52	1.67	2.54	4.10	1.55	11.2	1.78	2.04	3.42	18
19	1.63	3.62	14.4	3.61	5.93	5.00	4.48	1.53	3.17	2.02	2.03	3.33	19
20	1.78	3.81	16.3	13.1	3.95	3.20	2.05	8.49	2.53	4.47	2.08	3.60	20
21	1.77	5.98	15.1	6.40	1.81	5.81	1.75	2.35	2.12	2.49	11.0	3.29	21
22	1.71	3.62	15.8	4.48	1.77	3.39	1.63	2.86	3.88	1.89	5.05	2.94	22
23	1.85	2.76	14.6	4.52	4.14	3.58	1.52	6.97	6.88	1.81	5.72	5.10	23
24	1.97	2.43	15.5	3.30	2.23	2.55	1.45	4.28	5.21	1.76	10.6	16.7	24
25	1.81	1.89	14.3	2.84	1.89	4.20	1.42	34.5	5.21	1.73	6.14	23.9	25
26	1.76	2.08	10.8	2.68	1.81	11.2	1.42	6.53	2.80	1.74	3.57	17.1	26
27	1.68	2.27	5.25	2.61	1.88	3.72	1.56	2.91	12.6	1.76	3.07	11.0	27
28	1.88	2.25	3.38	2.44	6.26	3.15	12.3	2.18	5.30	1.74	4.67	11.9	28
29	1.95		4.31	2.28	2.18	19.0	2.78	1.94	3.39	1.74	8.37	6.67	29
30	1.92		7.44	2.19	2.10	10.4	2.06	2.72	2.77	1.72	5.06	4.09	30
31	1.93		28.6		1.99		1.78	2.13		2.13		3.31	31
TOTAL	104.06	72.48	369.76	174.97	79.07	160.01	81.59	130.88	135.55	87.08	177.55	194.62	TOTAL
MEAN	3.36	2.59	11.9	5.83	2.55	5.33	2.63	4.22	4.52	2.81	5.92	6.28	MEAN
MAX	29.4	6.09	44.5	25.7	7.81	19.0	12.3	34.5	27.6	14.2	21.3	23.9	MAX
MIN	1.61	1.73	1.85	2.19	1.66	1.66	1.40	1.53	1.38	1.72	2.03	2.02	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.84
MAXIMUM DAILY, 44.5 ON MAR 13
MINIMUM DAILY, 1.38 ON SEP 9
MAXIMUM INSTANTANEOUS,
159 AT 19:45 EST ON SEP 14

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 50 N
LONG 79 21 15 W
DRAINAGE AREA, 316 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 990	JUL	7 050
FEB	6 260	AUG	11 300
MAR	31 900	SEP	11 700
APR	15 100	OCT	7 520
MAY	6 830	NOV	15 300
JUN	13 800	DEC	16 800

TOTAL DISCHARGE, 153 000 dam³

DON RIVER AT YORK MILLS - STATION NO. 02HC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.93 E	0.309	0.346	10.6	0.403	0.650E	1.21 E	0.328	0.311	0.582	0.921	2.33	1
2	0.656E	0.295	0.322	1.73	0.372	0.402A	0.632	0.352	0.416	0.400	2.47	1.10	2
3	0.496E	0.288	0.288	3.82	0.372	0.390	0.506	0.371	0.431	0.337	2.50	0.692	3
4	4.17 E	0.311	0.275	4.88	0.357	0.321	0.431	1.90 E	0.333	0.315	5.01	1.34	4
5	1.37 E	0.314	0.332	3.39	0.327	1.16	0.377	0.600E	0.278	0.292	7.62	1.71	5
6	0.766E	0.318	0.345	1.23	0.321	1.97	0.341	0.270E	0.263	0.286	5.47	1.90	6
7	0.638E	0.330	0.321	0.718	0.331	1.54	0.312	0.238E	0.243	1.55	0.731	2.89	7
8	0.600E	0.314	0.283	0.574	0.919	1.44	0.296	0.620E	0.222	3.42	0.744	1.42	8
9	0.464	0.307	0.274	0.553	0.596	1.11	0.291	0.460E	0.215	0.952	0.670	0.560	9
10	0.348	0.302	0.277	0.551	0.436	0.582	0.295	0.290E	0.223	0.622	0.594	0.518	10
11	0.305	0.286	0.437	0.609	0.356	0.416	0.286	0.270E	0.214	1.10	0.871	0.485	11
12	0.292	0.281	1.21	0.573	0.330	0.353	0.241	0.240E	0.198	1.00	0.940	0.422	12
13	0.301	0.284	4.50	0.795	0.324	0.700	0.231	0.240E	0.207	0.812	0.729	0.338	13
14	0.326	0.282	8.29	0.752	0.319	0.678	0.223	0.242	2.04 E	0.621	0.565	0.369	14
15	0.326	0.453	14.2	0.657	0.308	0.899	0.211	0.227	3.10 E	0.525	0.482	0.542	15
16	0.316	0.908	7.33	0.655	0.276	1.32	0.223	0.191	1.73 E	0.433	0.455	1.85	16
17	0.279	0.775	4.85	1.39	0.265	1.10	1.50 E	0.209	0.330E	0.379	0.476	1.37	17
18	0.280	0.523	6.62	1.14	0.254	0.755	0.900E	0.175	2.00 E	0.343	0.518	1.22	18
19	0.288	0.505	5.27	0.973	0.283	0.833	0.630E	0.208	0.990E	0.342	0.515	0.912	19
20	0.297	0.536	5.33	1.67	0.446	0.825	0.486A	1.05 E	0.860E	0.551	0.547	0.775	20
21	0.294	0.760	6.52	1.54	0.408	1.08	0.356	0.400E	0.680E	0.477	1.82	0.625	21
22	0.289	0.698	5.47	1.72	0.348	0.957	0.290	0.510E	0.800E	0.393	1.59	0.595	22
23	0.345	0.526	4.65	2.01	0.503	0.892	0.240	0.708	2.00 E	0.337	1.87	0.950	23
24	0.344	0.443	6.44	0.877	0.426	0.740	0.233	0.634	1.55 E	0.300	3.03	4.16	24
25	0.308	0.365	5.58	0.590	0.367	0.830	0.222	2.45 A	0.760E	0.283	3.30	7.32	25
26	0.309	0.336	2.97	0.495	0.336	1.60	0.191	3.54	0.730E	0.282	0.904	8.89	26
27	0.293	0.344	0.930	0.489	0.334	1.49	0.229	0.797	2.10 E	0.280E	0.655	8.12	27
28	0.297	0.347	0.833	0.500	0.599	1.27	1.60 E	0.464	0.840E	0.280E	0.848	3.69	28
29	0.304		1.03	0.457	0.451	2.50 E	0.850E	0.339	0.850E	0.299	1.49	2.66	29
30	0.315		1.89	0.426	0.376	0.900E	0.613	0.419	0.778	0.300	1.82	1.58	30
31	0.300		6.52		0.362		0.416	0.347		0.403		1.26	31
TOTAL	17.846	11.740	183.933	46.164	12.105	29.703	14.862	19.081	25.692	18.456	50.155	62.573	TOTAL
MEAN	0.576	0.419	3.35	1.54	0.390	0.990	0.479	0.616	0.856	0.595	1.67	2.02	MEAN
MAX	4.17	0.908	14.2	10.4	0.919	2.50	1.60	3.54	3.10	3.42	7.62	8.89	MAX
MIN	0.279	0.281	0.274	0.426	0.254	0.321	0.191	0.175	0.198	0.280	0.455	0.338	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.13
MAXIMUM DAILY, 14.2 ON MAR 15
MINIMUM DAILY, 0.175 ON AUG 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 44 21 N
LONG 79 24 05 W
DRAINAGE AREA, 88.1 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 540	JUL	1 280
FEB	1 010	AUG	1 650
MAR	8 980	SEP	2 220
APR	3 990	OCT	1 590
MAY	1 050	NOV	4 330
JUN	2 570	DEC	5 410

TOTAL DISCHARGE, 35 600 dam³

DUCHESNAY RIVER NEAR NORTH BAY - STATION NO. 02DD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.410B	0.275B	0.260B	6.40B	6.86	0.471	0.370	0.155	0.413A	0.520E	0.530E	1.70 E	1
2	0.410B	0.275B	0.255B	5.80B	6.40	0.917	0.462	0.149	2.95 E	0.520E	1.20 E	3.20 E	2
3	0.410B	0.280B	0.255B	6.00B	5.47	0.751	0.520	0.144	3.00 E	0.560E	2.65 E	4.80 E	3
4	0.420B	0.280B	0.255B	6.10B	4.52	0.567	0.470	0.131	2.60 E	0.700E	2.50 E	5.60 E	4
5	0.430B	0.285B	0.255B	5.10B	3.62	0.465	0.360	0.137	2.10 E	0.670E	2.80 E	5.50 E	5
6	0.444B	0.290B	0.250B	3.70B	3.19	0.391	0.283	0.128	3.00 E	0.480E	2.70 E	8.80 E	6
7	0.430B	0.290B	0.250B	2.70B	2.90	0.321	0.243	0.124	2.10 E	2.00 E	1.80 E	7.37 A	7
8	0.410B	0.295B	0.250B	2.00B	2.80	0.278	0.306	0.115	1.40 E	3.60 E	1.15 E	3.50 B	8
9	0.390B	0.300B	0.250B	1.55B	2.39	0.263	0.312	0.145	0.900E	3.50 E	1.00 E	2.00 B	9
10	0.370B	0.300B	0.250B	2.50B	1.92	0.254	0.260	0.144	0.600E	2.80 E	0.900E	1.50 B	10
11	0.355B	0.301B	0.260B	4.00B	1.60	0.309	0.262	0.139	0.500E	2.10 E	1.25 E	1.30 B	11
12	0.340B	0.300B	0.275B	4.40B	1.39	0.341	0.439	0.148	0.430E	1.95 E	4.60 E	1.10 B	12
13	0.330B	0.300B	0.350B	5.00B	1.25	0.949	0.743	0.145	0.410E	1.95 E	4.40 E	1.02 B	13
14	0.320B	0.300B	0.480B	6.00B	1.13	1.22	0.597	0.140	1.15 E	2.50 E	3.70 E	0.940B	14
15	0.315B	0.300B	0.600B	6.82	0.963	0.838	0.468	0.135	1.18 E	3.20 E	2.50 B	0.960B	15
16	0.305B	0.300B	0.900B	8.57	0.853	1.15	0.390	0.118	1.80 E	2.70 E	2.10 B	1.17 B	16
17	0.300B	0.295B	0.970B	14.0 E	0.761	1.11	0.297	0.097	1.90 E	2.00 E	1.85 E	1.00 B	17
18	0.290B	0.295B	0.909B	18.0 E	0.711	0.846	0.239	0.093	3.65 E	1.70 E	1.69 A	0.840B	18
19	0.285B	0.290B	0.820B	15.0	0.749	0.920	0.205	0.107	3.45 E	1.60 E	1.60 E	0.720B	19
20	0.280B	0.290B	0.860B	10.4	0.720	1.68	0.179	0.117	2.50 E	1.80 E	1.65 E	0.650B	20
21	0.280B	0.285B	0.940B	9.17	0.673	1.49	0.154	0.108	1.60 E	2.00 E	1.95 E	0.590B	21
22	0.280B	0.285B	0.900B	7.73	0.572	1.19	0.139	0.152	1.10 E	1.80 E	1.80 E	0.560B	22
23	0.275B	0.280B	0.940B	7.74	0.497	1.43	0.124	1.19	0.740E	1.40 E	2.40 E	0.560B	23
24	0.275B	0.280B	1.08 B	9.65	0.539	1.18	0.114	1.24	0.520E	1.15 E	2.30 E	0.660B	24
25	0.275B	0.275B	1.40 B	13.2	0.593	1.20	0.100	0.797	0.370E	1.10 E	1.90 E	2.00 B	25
26	0.270B	0.270B	1.80 B	14.4 E	0.519	1.31	0.095	0.565	0.370E	1.18 E	1.55 B	12.3 B	26
27	0.270B	0.265B	1.70 B	12.1	0.446	0.965	0.087	0.510	0.370E	1.25 E	1.35 B	6.50 B	27
28	0.270B	0.265B	1.60 B	8.84	0.397	0.724	0.164	0.566	0.400E	1.00 E	1.25 B	8.40 B	28
29	0.270B		1.55 B	7.24	0.366	0.565	0.228	0.470	0.420E	0.800E	1.15 B	6.00 B	29
30	0.270B		1.50 B	6.92	0.366	0.459	0.220	0.369	0.440E	0.660E	1.10 E	4.00 B	30
31	0.270B		3.70 B		0.373		0.189	0.385		0.560E		2.80 B	31
TOTAL	10.249	8.046	26.064	231.03	55.538	24.554	9.019	8.971	42.363	49.750	59.320	98.040	TOTAL
MEAN	0.331	0.287	0.841	7.70	1.79	0.818	0.291	0.289	1.41	1.60	1.98	3.16	MEAN
MAX	0.444	0.301	3.70	18.0	6.86	1.68	0.743	1.24	3.65	3.60	4.60	12.3	MAX
MIN	0.270	0.265	0.250	1.55	0.366	0.254	0.087	0.093	0.370	0.480	0.530	0.560	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.71
MAXIMUM DAILY, 18.0E ON APR 18
MINIMUM DAILY, 0.087 ON JUL 27

REMARKS - STATION DISCONTINUED ON DEC 31 1982

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 19 53 N
LONG 79 30 20 W
DRAINAGE AREA, 90.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	886	JUL	779
FEB	695	AUG	775
MAR	2 250	SEP	3 660
APR	20 000	OCT	4 300
MAY	4 800	NOV	5 130
JUN	2 120	DEC	8 470

TOTAL DISCHARGE, 53 900 dam³

DUFFINS CREEK ABOVE PICKERING - STATION NO. 02HC019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.990B	0.640B	0.720B	11.0 E	0.847	0.866	1.08	0.660	0.689	0.825	1.15	1.36	1
2	1.35 B	0.645B	0.710B	3.70 B	0.854	0.884	0.874	0.688	0.705	0.794	2.75	1.31	2
3	1.45 B	0.650B	0.700B	15.5	0.822	0.756	0.793	0.739	0.726	0.793	3.59	1.31	3
4	2.90 B	0.680B	0.750B	4.00 B	0.828	0.716	0.769	0.746	0.698	0.772	5.18	2.05	4
5	1.72 B	0.660B	0.840B	1.50 B	0.799	0.941	0.731	0.693	0.659	0.739	3.00	1.66	5
6	1.85 B	0.660B	0.780B	1.30 B	0.830	2.30	0.695	0.646	0.661	0.755	1.50	3.02	6
7	1.10 B	0.660B	0.720B	1.15 B	0.812	1.21	0.694	0.636	0.674	1.28	1.22	1.52	7
8	0.780B	0.660B	0.690B	1.38 B	1.24	0.901	0.696	0.719	0.650	1.73	1.09	1.28	8
9	0.710B	0.665B	0.670B	1.40 B	1.00	0.781	0.665	0.802	0.648	0.950	0.976	1.05 B	9
10	0.680B	0.675B	0.690B	1.66	0.821	1.18	0.633	0.674	0.664	0.866	0.937	1.00 B	10
11	0.670B	0.675B	0.780B	1.90	0.786	1.16	0.653	0.658	0.649	0.926	0.975	0.960B	11
12	0.660B	0.675B	1.35 B	1.92	0.770	0.870	0.623	0.619	0.661	0.880	1.24	0.950B	12
13	0.650B	0.670B	3.50 B	3.50	0.804	0.833	0.590	0.660	0.655	0.824	1.15	0.930B	13
14	0.645B	0.660B	9.80 B	2.62	0.750	0.782	0.594	0.628	1.14	0.824	0.992	1.00 B	14
15	0.645B	0.675B	7.00 B	2.25	0.721	1.06	0.596	0.607	1.04	1.03	0.966	1.15 B	15
16	0.635B	0.680B	5.40 B	2.60	0.726	2.65	0.628	0.610	0.806	0.927	0.917	3.70 B	16
17	0.635B	0.700B	6.40 B	4.49	0.705	1.04	0.717	0.590	0.742	0.850	0.969	1.85 B	17
18	0.635B	0.682B	3.50 B	2.79	0.706	0.918	2.05	0.579	1.58	0.838	0.939	1.58 B	18
19	0.635B	0.710B	2.30 B	1.66	0.703	1.16	3.86	0.599	0.941	0.830	0.924	1.40 B	19
20	0.635B	0.730B	3.30 B	3.70	0.784	1.15	0.962	0.702	0.790	0.991	0.921	1.25 B	20
21	0.635B	0.800B	3.80 B	2.77	0.703	1.09	0.781	0.642	0.767	1.12	3.23	1.10 B	21
22	0.640B	0.860B	4.20 B	1.53	0.692	1.06	0.675	0.698	0.804	0.874	2.34	0.970	22
23	0.670B	0.920B	4.40 B	1.27	0.982	1.00	0.637	0.886	0.890	0.813	1.52	0.970	23
24	0.660B	0.870B	4.00 B	1.27	0.979	0.754	0.627	0.871	0.896	0.811	3.21	2.73	24
25	0.650B	0.810B	3.74 B	1.18	0.849	0.886	0.625	2.37	1.25	0.798	1.51	8.37	25
26	0.650B	0.780B	2.65 B	1.12	0.788	1.90	0.601	1.03	0.924	0.785	1.23	5.57	26
27	0.640B	0.760B	1.92 B	1.09	0.746	1.07	0.694	0.766	1.39	0.786	1.10	1.96	27
28	0.640B	0.740B	1.90 E	0.975	0.839	1.16	1.44	0.742	1.27	0.793	1.11	3.88	28
29	0.640B		2.20 E	0.939	0.908	10.1	0.844	0.712	0.934	0.788	2.26	2.37	29
30	0.640B		5.00 E	0.865	0.839	1.74	0.708	0.711	0.855	0.789	1.91	1.40 B	30
31	0.640B		23.5 E		0.839		0.676	0.711		0.811		1.19 B	31
TOTAL	27.280	19.992	107.910	83.029	25.472	42.918	27.151	23.394	25.758	27.592	50.806	60.760	TOTAL
MEAN	0.880	0.714	3.48	2.77	0.822	1.43	0.876	0.755	0.859	0.890	1.69	1.96	MEAN
MAX	2.90	0.920	23.5	15.5	1.24	10.1	3.86	2.37	1.58	1.73	5.18	8.37	MAX
MIN	0.635	0.640	0.670	0.865	0.692	0.716	0.590	0.579	0.648	0.739	0.917	0.930	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.43
MAXIMUM DAILY, 23.5E ON MAR 31
MINIMUM DAILY, 0.579 ON AUG 18
MAXIMUM INSTANTANEOUS,
48.3E AT 17:20 EST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 30 N
LONG 79 03 33 W
DRAINAGE AREA, 93.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 360	JUL	2 350
FEB	1 730	AUG	2 020
MAR	9 320	SEP	2 230
APR	7 170	OCT	2 380
MAY	2 200	NOV	4 390
JUN	3 710	DEC	5 250

TOTAL DISCHARGE, 45 100 dam³

REMARKS - STATION FORMERLY CALLED "DUFFINS CREEK BELOW ARTHUR PERCY DAM"

DUFFINS CREEK AT PICKERING - STATION NO. 02HC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.00B	1.31B	1.52B	33.1	2.81	2.75E	2.80	1.27	1.35	1.71	2.00	3.79	1
2	2.70B	1.32B	1.52B	11.1	2.71	2.60E	2.22	1.26	1.38	1.64	4.71	3.39	2
3	3.45B	1.38B	1.50B	33.4	2.59	2.40A	1.98	1.33	1.47	1.58	6.84	3.59	3
4	6.30B	1.37B	1.50B	14.4	2.54	2.15	1.84	1.51	1.39	1.56	11.0	4.93	4
5	5.18B	1.37B	1.50B	6.09B	2.75E	2.40	1.67	1.37	1.30	1.49	7.62	4.26	5
6	4.20B	1.35B	1.56B	5.26B	2.75E	5.09	1.56	1.27	1.28	1.47	3.62	7.36	6
7	2.50B	1.35B	1.50B	4.92B	2.75E	3.60	1.52	1.23	1.30	2.04	2.87	4.20	7
8	1.65B	1.35B	1.50B	4.00B	3.30E	2.80	1.47	1.27	1.24	3.74	2.60	3.31	8
9	1.50B	1.35B	1.55B	3.93	4.00E	2.44	1.33	1.59	1.21	2.27	2.39	2.70B	9
10	1.42B	1.35B	1.65B	4.30	3.10E	2.89	1.27	1.31	1.22	1.90	2.23	2.50B	10
11	1.40B	1.35B	2.50B	4.89	2.70E	3.10	1.20	1.23	1.20	1.91	2.26	2.35B	11
12	1.40B	1.35B	6.00B	4.65	2.60E	2.41	1.16	1.14	1.22	1.82	2.68	2.25B	12
13	1.39B	1.35B	13.0 B	7.53	2.50E	2.27	1.06	1.19	1.22	1.71	2.64	2.20B	13
14	1.35B	1.42B	17.0 B	6.80	2.35E	2.19	1.00	1.19	1.58	1.66	2.33	2.35B	14
15	1.33B	1.50B	14.0 B	7.02	2.25E	2.22	1.04	1.14	2.24	1.94	2.24	2.40B	15
16	1.32B	1.60B	17.0 B	7.88	2.21E	5.68	1.08	1.14	1.72	1.90	2.10	6.77	16
17	1.32B	1.44B	15.0 B	12.0	2.20E	3.08	1.32	1.12	1.48	1.74	2.12	4.00B	17
18	1.31B	1.41B	11.0 B	8.64	2.19E	2.45	2.45	1.06	2.55	1.66	2.12	3.05B	18
19	1.31B	1.48B	9.90B	5.35	2.10E	2.65	11.1	1.08	2.05	1.62	2.13	2.70B	19
20	1.31B	1.52B	10.0 B	9.72	2.15E	3.16	2.52	1.29	1.66	1.71	2.13	2.50B	20
21	1.30B	1.62B	11.0 B	8.73	2.10E	2.85	1.67	1.22	1.58	2.22	5.52	2.40B	21
22	1.30B	1.70B	12.0 B	5.01	2.35E	2.86	1.41	1.27	1.60	1.85	5.44	2.30B	22
23	1.40B	1.70B	12.5 B	3.56	2.70E	3.03	1.24	1.56	1.80	1.72	3.42	2.50B	23
24	1.38B	1.75B	15.5	3.34	3.40E	2.31	1.84E	1.73E	1.83	1.68	6.95	6.16	24
25	1.35B	1.69B	12.4	3.24	3.00E	2.38	1.86E	4.40E	2.41	1.66	3.83	22.4	25
26	1.32B	1.65B	9.40B	3.15	2.60E	5.45	1.91E	2.08E	2.00	1.67	3.09	17.8	26
27	1.30B	1.60B	5.10B	3.08	2.35E	3.07	3.47E	1.53E	2.50	1.65	2.86	6.27	27
28	1.30B	1.58B	4.80B	2.82	3.15E	3.00	7.63E	1.48E	2.74	1.63	2.77	10.7	28
29	1.31B		7.80B	2.65	3.40E	20.5	3.15A	1.42E	2.08	1.63	5.05	7.38	29
30	1.31B		10.2	2.68	3.00E	4.88	1.47	1.43E	1.82	1.65	5.21	3.65B	30
31	1.31B		55.7		2.80E		1.29	1.43E		1.66		2.90B	31
TOTAL	59.92	41.21	287.10	233.24	83.40	108.66	68.53	44.54	50.42	56.09	112.77	155.06	TOTAL
MEAN	1.93	1.47	9.26	7.77	2.69	3.62	2.21	1.44	1.68	1.81	3.76	5.00	MEAN
MAX	6.30	1.75	55.7	33.4	4.00	20.5	11.1	4.40	2.74	3.74	11.0	22.4	MAX
MIN	1.30	1.31	1.50	2.65	2.10	2.15	1.00	1.06	1.20	1.47	2.00	2.20	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.56
MAXIMUM DAILY, 55.7 ON MAR 31
MINIMUM DAILY, 1.00 ON JUL 14
MAXIMUM INSTANTANEOUS,
107 AT 20:22 EST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 10 N
LONG 79 03 44 W
DRAINAGE AREA, 249 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 180	JUL	5 920
FEB	3 560	AUG	3 850
MAR	24 800	SEP	4 360
APR	20 200	OCT	4 850
MAY	7 210	NOV	9 740
JUN	9 390	DEC	13 400

TOTAL DISCHARGE, 112 000 dam³

EAGLE RIVER AT EAGLE RIVER - STATION NO. 05QD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.2	12.7	15.9	14.4	14.4	17.8	16.7	43.3	18.0	17.8	17.8	18.0	1
2	10.2	12.7	15.9	14.4	14.4	17.8	18.0	43.2	17.8	17.8	17.8	17.8	2
3	10.2	12.7	15.3	14.4	14.4	17.8	18.1	43.2	18.0	17.8	17.8	17.8	3
4	9.91	14.4	15.6	14.4	14.4	17.8	18.1	43.3	18.0	17.8	17.8	18.0	4
5	10.5	14.7	15.7	14.4	14.4	17.8	49.8	43.2	18.0	17.8	17.8	18.0	5
6	10.2	14.4	15.6	14.4	14.4	17.8	48.8	43.6	17.8	17.8	17.8	17.8	6
7	12.7	14.3	15.6	14.2	14.4	17.7	48.8	18.1	17.8	17.8	17.8	17.8	7
8	12.7	14.3	15.6	14.4	14.4	17.8	48.8	18.1	18.1	17.8	17.8	17.8	8
9	12.7	14.4	16.1	14.4	14.4	17.8	48.8	18.1	17.7	17.8	17.8	18.0	9
10	12.7	14.4	16.1	14.4	14.4	17.8	46.0	18.1	18.0	17.8	17.8	18.0	10
11	12.7	14.3	15.9	14.4	14.4	17.7	43.0	18.1	18.0	17.8	15.7	17.8	11
12	11.8	14.3	15.9	14.4	14.4	17.8	46.0	18.0	18.0	17.8	14.9	17.8	12
13	12.7	14.4	14.4	14.4	17.6	17.7	46.2	17.8	18.0	17.8	17.8	18.0	13
14	12.9	14.4	14.4	14.4	17.6	18.4	46.0	18.4	17.8	17.8	18.1	17.8	14
15	12.9	14.4	14.4	13.6	17.6	17.4	46.2	18.1	17.8	17.8	18.0	17.8	15
16	12.9	14.4	14.4	13.7	17.4	17.8	46.0	17.8	17.8	17.8	18.1	17.8	16
17	12.9	14.4	14.4	14.1	17.6	17.8	46.0	17.7	17.8	17.8	17.8	18.0	17
18	12.9	14.4	14.4	14.4	17.4	17.8	46.0	18.1	17.8	17.8	17.3	17.8	18
19	12.9	14.3	14.4	14.4	17.4	17.8	45.9	18.1	18.0	17.8	17.8	17.8	19
20	12.9	14.2	14.4	14.4	17.6	17.8	45.9	18.1	17.8	17.8	17.8	17.8	20
21	12.7	14.2	14.4	14.4	17.7	17.8	45.9	18.1	17.8	17.8	18.0	17.8	21
22	12.7	14.4	14.4	14.4	17.7	17.8	45.9	18.1	17.8	17.8	18.1	17.8	22
23	12.7	14.4	14.4	14.2	17.6	17.8	45.9	18.1	17.8	17.8	16.7	17.8	23
24	12.7	14.4	14.4	14.4	17.6	17.8	45.9	17.4	17.8	17.8	17.8	17.8	24
25	12.7	14.9	14.3	14.4	17.6	17.8	45.9	18.0	17.8	17.8	17.8	18.0	25
26	12.7	15.1	14.4	14.4	17.6	17.8	46.0	18.1	17.8	18.1	17.8	17.8	26
27	12.7	15.1	14.4	14.4	17.6	17.8	46.2	18.1	17.8	17.8	17.8	17.8	27
28	12.7	15.9	14.4	14.4	17.6	18.0	32.1	18.1	18.0	17.8	17.8	17.4	28
29	12.7		14.4	14.4	17.6	18.1	44.9	17.7	17.8	17.8	17.8	17.8	29
30	12.9		14.4	14.4	17.7	17.4	46.2	15.6	17.8	18.0	17.8	17.8	30
31	12.7		14.4		17.8		43.2	15.6		18.0		17.8	31
TOTAL	379.41	400.9	462.7	430.1	507.1	538.0	1 307.2	705.3	536.2	552.5	528.7	553.0	TOTAL
MEAN	12.2	14.3	14.9	14.3	16.4	17.8	42.2	22.8	17.9	17.8	17.6	17.8	MEAN
MAX	12.9	15.9	16.1	14.4	17.8	18.4	49.8	43.6	18.1	18.1	18.1	18.0	MAX
MIN	9.91	12.7	14.3	13.6	14.4	17.4	16.7	15.6	17.7	17.8	14.9	17.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.9
MAXIMUM DAILY, 49.8 ON JUL 5
MINIMUM DAILY, 9.91 ON JAN 4

DATA CONTRIBUTED BY -
GREAT LAKES FOREST PRODUCTS LIMITED

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 47 20 N
LONG 93 11 40 W
DRAINAGE AREA, 2 510 km²

REGULATED SINCE 1920

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	32 800	JUL	113 000
FEB	34 600	AUG	60 900
MAR	40 000	SEP	46 300
APR	37 200	OCT	47 700
MAY	43 800	NOV	45 700
JUN	46 100	DEC	47 800

TOTAL DISCHARGE, 596 000 dam³

EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	18.6 B	0.526	0.136	0.078	0.004	0.125	0.146	0.100	1.60	1
2	---	---	---	12.6 B	0.449	0.141	0.065	0.004	0.154	0.242	0.106	2.22	2
3	---	---	0.118B	9.21	0.404	0.133	0.065	0.004	0.163	0.231	0.116	3.31	3
4	---	---	---	7.60	0.374	0.114	0.067	0.004	0.136	0.208	1.44	3.82	4
5	---	---	---	4.92	0.325	0.103	0.054	0.004	0.100	0.183	3.70	2.85	5
6	---	---	---	4.69 B	0.299	0.096	0.044	0.003	0.104	0.165	2.38	2.31	6
7	---	---	---	2.84 B	0.306	0.096	0.031	0.005	0.156	0.147	1.90	1.80	7
8	---	---	---	2.05 B	0.292	0.087	0.021	0.027	0.139	0.159	1.47	1.39	8
9	---	---	---	1.82 B	1.16	0.071	0.014	0.013	0.115	0.164	1.09	1.10 B	9
10	---	---	---	1.74 B	1.25	0.057	0.012	0.006	0.097	0.163	0.884	0.930B	10
11	---	---	---	2.09	0.835	0.057	0.011	0.004	0.078	0.152	0.686	0.794B	11
12	---	---	---	2.36	0.684	0.054	0.011	0.004	0.059	0.139	0.739	0.610B	12
13	---	---	---	4.09	0.508	0.048	0.008	0.004	0.043	0.145	0.935	0.436B	13
14	---	---	---	5.37	0.416	0.045	0.007	0.005	0.020	0.160	0.783	0.311B	14
15	---	---	---	4.92	0.358	0.045	0.006	0.004	0.023	0.216	0.705	---	15
16	---	---	---	4.54	0.350	0.069	0.005	0.003	0.022	0.240	0.597	---	16
17	---	---	---	4.61	0.335	0.059	0.005	0.003	0.049	0.214	0.579	---	17
18	---	---	---	4.54	0.278	0.051	0.006	0.002	0.072	0.221	0.507	---	18
19	---	---	0.526B	3.15	0.249	0.055	0.018	0.002	0.063	0.247	0.448	---	19
20	---	---	---	2.68	0.233	0.068	0.017	0.002	0.065	0.221	0.417	---	20
21	---	---	---	4.40	0.209	0.128	0.012	0.001	0.049	0.209	0.436	---	21
22	---	---	---	2.76	0.185	0.196	0.009	0.001	0.026	0.192	0.789	---	22
23	---	---	---	1.99	0.167	0.184	0.005	0.002	0.036	0.167	1.01	---	23
24	---	---	---	1.64	0.164	0.154	0.005	0.002	0.080	0.151	1.29	---	24
25	---	---	---	1.33	0.173	0.144	0.005	0.415	0.114	0.137	1.16	---	25
26	---	---	---	1.12	0.170	0.170	0.005	0.493	0.102	0.142	0.982	---	26
27	---	---	---	1.04	0.149	0.162	0.004	0.180	0.095	0.131	0.921B	---	27
28	---	---	---	0.960	0.151	0.136	0.004	0.164	0.114	0.118	0.898B	---	28
29	---		---	0.795	0.163	0.114	0.003	0.178	0.138	0.114	0.748	---	29
30	---		3.38 B	0.649	0.151	0.095	0.003	0.180	0.132	0.110	0.863	---	30
31	---		---		0.143		0.003	0.150		0.103		---	31
TOTAL	---	---	---	121.104	11.456	3.068	0.603	1.873	2.669	5.333	28.679	---	TOTAL
MEAN	---	---	---	4.04	0.370	0.102	0.019	0.060	0.089	0.172	0.956	---	MEAN
MAX	---	---	---	18.6	1.25	0.196	0.078	0.493	0.163	0.247	3.70	---	MAX
MIN	---	---	---	0.649	0.143	0.045	0.003	0.001	0.020	0.103	0.100	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 18.6B ON APR 1
MINIMUM DAILY, 0.001 ON AUG 21

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 22 11 N
LONG 74 54 00 W
DRAINAGE AREA, 76.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	52.1
FEB	---	AUG	162
MAR	---	SEP	231
APR	10 500	OCT	461
MAY	990	NOV	2 480
JUN	265	DEC	---

EAST CANAGAGIGUE CREEK NEAR FLORADALE - STATION NO. 02GA035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.113B	0.071B	0.063B	4.07	0.201	0.178	0.100	0.090	0.137	0.257	0.250E	0.772	1
2	0.111B	0.069B	0.063B	2.09	0.183	0.145	0.093	0.116	0.158	0.193	0.800E	0.498	2
3	0.110B	0.068B	0.063B	1.90	0.178	0.121	0.093	0.103	0.150	0.189	1.20 E	0.510	3
4	0.170B	0.067B	0.063B	1.04 B	0.172	0.114	0.092	0.522	0.124	0.175	0.900E	1.30	4
5	0.460B	0.066B	0.063B	0.860B	0.171	0.210	0.094	0.141	0.117	0.162	0.700E	1.58	5
6	0.373B	0.065B	0.062B	0.650B	0.163	0.278	0.089	0.119	0.116	0.156	0.540E	2.56	6
7	0.290B	0.064B	0.062B	0.590B	0.157	0.188	0.085	0.107	0.114	0.207	0.400E	0.721	7
8	0.230B	0.063B	0.062B	0.710B	0.167	0.162	0.081	0.107	0.113	0.220	0.480E	0.463	8
9	0.200B	0.062B	0.063B	0.953	0.155	0.144	0.081	0.119	0.115	0.184	0.300E	0.401B	9
10	0.172B	0.061B	0.067B	0.735	0.142	0.127	0.082	0.105	0.127	0.157	0.215	0.370B	10
11	0.156B	0.060B	0.080B	0.583	0.131	0.118	0.090	0.099	0.104	0.196	0.370	0.293	11
12	0.142B	0.060B	0.098B	0.936	0.126	0.107	0.096	0.096	0.107	0.167	1.52	0.220B	12
13	0.130B	0.059B	0.127B	1.70	0.126	0.102	0.084	0.093	0.108	0.166	0.902	0.200B	13
14	0.125B	0.060B	0.172B	1.23	0.126	0.098	0.082	0.093	0.132	0.168	0.523	0.187B	14
15	0.140B	0.064B	0.240B	1.29	0.118	0.114	0.078	0.093	0.143	0.268	0.373	0.248B	15
16	0.108B	0.068B	0.440B	1.89	0.123	0.131	0.080	0.092	0.136	0.182	0.275	1.22	16
17	0.100B	0.067B	0.395B	3.58	0.120	0.110	0.105	0.089	0.118	0.144	0.238	0.563B	17
18	0.095B	0.064B	0.420B	1.35	0.107	0.106	0.162	0.089	0.391	0.144	0.234	0.438B	18
19	0.092B	0.062B	0.438B	0.807	0.108	0.385	0.148	0.092	0.164	0.142	0.213	0.307B	19
20	0.087B	0.062B	0.450B	1.55	0.201	0.245	0.099	0.097	0.157	0.154	0.411	0.274	20
21	0.084B	0.061B	0.480B	1.05	0.122	0.936	0.092	0.096	0.145	0.153	2.71	0.238	21
22	0.082B	0.066B	0.532B	0.543	0.118	0.323	0.086	0.101	0.165	0.144	0.974	0.222	22
23	0.091B	0.065B	0.650B	0.451	0.118	0.206	0.083	0.119	0.286	0.132	0.905	0.299	23
24	0.100B	0.065B	1.19 B	0.389	0.112	0.152	0.078	0.104	0.221	0.126	1.74	1.94	24
25	0.086B	0.064B	1.60 B	0.322	0.110	0.139	0.078	0.465	0.592	0.110E	0.601	5.97	25
26	0.082B	0.064B	1.08 B	0.316	0.103	0.157	0.079	0.178	0.352	0.100E	0.387	2.25	26
27	0.078B	0.063B	0.770B	0.404	0.113	0.134	0.088	0.142	0.578	0.096E	0.292	0.889	27
28	0.076B	0.063B	0.594B	0.268	0.502	0.121	0.164	0.134	0.617	0.090E	0.276	1.33	28
29	0.084B		0.503B	0.229	0.277	0.133	0.101	0.109	0.336	0.090E	1.16	0.802	29
30	0.076B		1.60 B	0.213	0.194	0.116	0.084	0.112	0.276	0.084E	1.39	0.479B	30
31	0.073B		13.3		0.158		0.097	0.113		0.090E		0.370B	31
TOTAL	4.316	1.793	25.790	34.699	4.902	5.600	2.944	4.135	6.399	4.846	21.279	27.914	TOTAL
MEAN	0.139	0.064	0.832	1.16	0.158	0.187	0.095	0.133	0.213	0.156	0.709	0.900	MEAN
MAX	0.460	0.071	13.3	4.07	0.502	0.936	0.164	0.522	0.617	0.268	2.71	5.97	MAX
MIN	0.073	0.059	0.062	0.213	0.103	0.098	0.078	0.089	0.104	0.084	0.213	0.187	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.396
MAXIMUM DAILY, 13.3 ON MAR 31
MINIMUM DAILY, 0.059B ON FEB 13
MAXIMUM INSTANTANEOUS,
17.9 AT 16:06 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 39 04 N
LONG 80 34 20 W
DRAINAGE AREA, 27.7 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	373	JUL	254
FEB	155	AUG	357
MAR	2 230	SEP	553
APR	3 000	OCT	419
MAY	424	NOV	1 840
JUN	484	DEC	2 410

TOTAL DISCHARGE, 12 500 dam³

EAST CASTOR RIVER NEAR RUSSELL - STATION NO. 02LB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.170B	0.228B	0.079B	78.0 B	1.07	0.335	0.151	0.190	0.073	0.144	0.199	3.93	1
2	0.180B	0.215B	0.079B	70.9	0.903	0.424	0.135	0.202	0.113	0.179	0.196	5.33	2
3	0.228B	0.185B	0.078B	44.9	0.761	0.351	0.121	0.174	0.150	0.223	0.199	6.28	3
4	0.300B	0.175B	0.078B	25.3	0.686	0.289	0.113	0.135	0.116	0.224	0.945	9.99	4
5	0.690B	0.180B	0.077B	9.56	0.617	0.271	0.106	0.091	0.064	0.191	7.13	6.40	5
6	1.50 B	0.150B	0.077B	5.20	0.558	0.281	0.100	0.070	0.069	0.160	4.77	4.90	6
7	1.34 B	0.130B	0.076B	3.93	0.543	0.341	0.093	0.058	0.079	0.143	2.79	4.09	7
8	1.10 B	0.119B	0.076B	3.20	0.507	0.335	0.094	0.051	0.088	0.148	1.89	2.92	8
9	0.920B	0.110B	0.075B	3.10	0.901	0.323	0.088	0.043	0.085	0.172	1.22	1.98 B	9
10	0.800B	0.105B	0.075B	4.63	1.12	0.339	0.091	0.041	0.074	0.210	0.839	1.70 B	10
11	0.705B	0.101B	0.132B	5.53	0.777	0.304	0.131	0.040	0.069	0.217	0.651	1.45 B	11
12	0.610B	0.099B	0.195B	5.81	0.603	0.258	0.293	0.037	0.051	0.193	0.630	1.10 B	12
13	0.535B	0.097B	0.420B	8.67	0.527	0.236	0.305	0.032	0.055	0.198	0.686	0.696B	13
14	0.470B	0.094B	0.815B	10.7	0.466	0.205	0.209	0.031	0.055	0.214	0.701	0.640B	14
15	0.400B	0.092B	1.55 B	7.55	0.432	0.198	0.140	0.029	0.105	0.279	0.612	0.630B	15
16	0.360B	0.090B	2.20 B	7.02	0.392	0.209	0.111	0.033	0.112	0.395	0.483	3.70 B	16
17	0.330B	0.088B	2.25 B	7.84	0.359	0.230	0.093	0.033	0.115	0.406	0.478	13.0 B	17
18	0.305B	0.087B	3.00 B	7.41	0.332	0.190	0.099	0.031	0.111	0.378	0.421	7.30 B	18
19	0.285B	0.086B	2.25 B	3.89	0.336	0.168	0.155	0.025	0.100	0.345	0.390	4.00 B	19
20	0.270B	0.085B	1.95 B	4.40	0.312	0.165	0.154	0.022	0.108	0.311	0.370	2.30 B	20
21	0.259B	0.084B	2.58 B	15.8	0.296	0.248	0.130	0.020	0.102	0.296	0.374	1.70 B	21
22	0.249B	0.083B	2.45 B	5.33	0.318	0.577	0.110	0.021	0.095	0.265	0.382	1.05 B	22
23	0.238B	0.082B	2.07 B	3.44	0.284	0.508	0.085	0.029	0.086	0.258	0.403	0.780B	23
24	0.230B	0.082B	2.15 B	2.76	0.281	0.344	0.068	0.036	0.100	0.256	0.673	0.755B	24
25	0.223B	0.081B	2.80 B	2.43	0.316	0.278	0.062	0.188	0.129	0.244	1.39	2.50 B	25
26	0.215B	0.081B	6.40 B	2.13	0.308	0.264	0.067	0.447	0.129	0.239	1.18	17.9 B	26
27	0.208B	0.080B	7.00 B	1.86	0.299	0.312	0.060	0.454	0.119	0.228	0.665B	6.93	27
28	0.204B	0.080B	8.60 B	1.65	0.269	0.324	0.059	0.260	0.118	0.219	0.561B	4.49	28
29	0.207B		7.69 B	1.37	0.348	0.225	0.069	0.149	0.133	0.212	0.631	7.70	29
30	0.212B		7.70 B	1.17	0.333	0.176	0.080	0.100	0.145	0.210	1.43	3.96	30
31	0.220B		15.3 B		0.333		0.186	0.074		0.204		2.68 B	31
TOTAL	13.963	3.169	80.272	355.48	15.587	8.708	3.758	3.146	2.929	7.361	33.289	132.781	TOTAL
MEAN	0.450	0.113	2.59	11.8	0.503	0.290	0.121	0.101	0.098	0.237	1.11	4.28	MEAN
MAX	1.50	0.228	15.3	78.0	1.12	0.577	0.305	0.454	0.150	0.406	7.13	17.9	MAX
MIN	0.170	0.080	0.075	1.17	0.269	0.165	0.059	0.020	0.051	0.143	0.196	0.630	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.81
MAXIMUM DAILY, 78.0B ON APR 1
MINIMUM DAILY, 0.020 ON AUG 21
MAXIMUM INSTANTANEOUS,
84.8 AT 18:30 EST ON APR 2

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 13 43 N
LONG 75 19 32 W
DRAINAGE AREA, 145 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 210	JUL	325
FEB	274	AUG	272
MAR	6 940	SEP	253
APR	30 700	OCT	636
MAY	1 350	NOV	2 880
JUN	752	DEC	11 500

TOTAL DISCHARGE, 57 100 dam³

EAST HUMBER RIVER AT KING CREEK - STATION NO. 02HC032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.350B	0.189	0.231	13.9	0.473	0.297	0.931	0.146	0.196	0.409	0.524	1.39	1
2	0.358B	0.202	0.228B	5.50	0.419	0.329	0.664	0.146	0.180	0.354	1.62	1.12	2
3	0.370	0.195	0.226B	8.87	0.362	0.326	0.558	0.185	0.178	0.321	2.58	1.14	3
4	0.487	0.198	0.222B	6.16	0.336	0.256	0.429	0.302	0.171	0.299	3.29	1.40	4
5	0.743	0.212	0.222	3.23	0.338	0.262	0.324	0.340	0.196	0.280	3.43	1.36	5
6	0.400B	0.220	0.210	2.23	0.329	1.03	0.277	0.248	0.168	0.253	1.94	2.43	6
7	0.250B	0.227	0.199	1.73	0.315	0.825	0.235	0.200	0.154	0.450	1.35	1.62	7
8	0.210B	0.236	0.199B	1.73	0.419	0.548	0.212	0.183	0.151	1.15	1.10	1.12	8
9	0.190B	0.224	0.200B	1.50	0.483	0.422	0.188	0.211	0.138	0.724	0.940	0.885B	9
10	0.180B	0.220	0.210B	1.42	0.375	0.317	0.170	0.177	0.118	0.542	0.823	0.828B	10
11	0.174B	0.230	0.225	1.46	0.323	0.285	0.155	0.161	0.116	0.586	0.788	0.741B	11
12	0.172B	0.242	0.264	1.41	0.291	0.276	0.140	0.144	0.112	0.726	0.908	0.652B	12
13	0.167B	0.253	1.14	1.69	0.302	0.217	0.128	0.140	0.103	0.551	0.881	0.574	13
14	0.168B	0.252	2.29	1.76	0.274	0.202	0.102	0.150	2.13	0.451	0.725	0.491	14
15	0.168B	0.244B	2.01	1.55	0.263	0.213	0.109	0.126	2.05	0.424	0.641	0.504	15
16	0.168B	0.240B	1.96	1.61	0.257	0.535	0.105	0.110	0.827	0.893	0.584	1.52 B	16
17	0.170B	0.222B	1.83	3.61	0.254	0.407	0.113	0.103	0.512	0.586	0.566	1.26 B	17
18	0.170B	0.225B	2.05	2.77	0.229	0.298	0.222	0.100	0.895	0.473	0.520	0.982B	18
19	0.170B	0.224	2.16	1.83	0.196	0.506	1.30	0.096	0.726	0.420	0.490	0.819	19
20	0.170B	0.226	3.05	4.00	0.193	0.677	0.797	0.119	0.456	0.401	0.494	0.768	20
21	0.170B	0.232	3.01	2.30	0.182	0.661	0.342	0.123	0.377	0.563	1.07	0.731	21
22	0.170B	0.233	2.67	1.50	0.179	0.801	0.250	0.126	0.342	0.704	1.47	0.684	22
23	0.170B	0.238	3.60	1.16	0.286	1.14	0.201	0.149	0.426	0.555	1.07	0.664	23
24	0.170B	0.236B	4.95	1.01	0.407	0.671	0.174	0.179	0.432	0.453	2.13	1.47	24
25	0.170B	0.232B	4.83	0.890	0.314	0.558	0.158	0.695	0.518	0.413	1.62	8.08 E	25
26	0.172B	0.230B	2.97 B	0.808	0.360	1.39	0.146	0.739	0.475	0.388	1.07	8.17 E	26
27	0.174	0.228B	1.73 B	0.827	0.344	1.05	0.207	0.345	0.581	0.372	0.902	3.06	27
28	0.180	0.226	1.72 B	0.670	0.338	0.670	0.360	0.279	0.909	0.348	0.814	2.67	28
29	0.172		2.07 B	0.556	0.395	2.15	0.326	0.241	0.622	0.331	1.47	2.34	29
30	0.182		3.60	0.492	0.330	1.72	0.203	0.202	0.470	0.338	2.03	1.30 B	30
31	0.188		19.2		0.318		0.171	0.200		0.325		1.06 B	31
TOTAL	7.153	6.336	69.476	76.173	9.884	19.039	9.697	6.665	14.729	14.683	37.840	51.833	TOTAL
MEAN	0.231	0.226	2.24	2.54	0.319	0.635	0.313	0.215	0.491	0.472	1.26	1.67	MEAN
MAX	0.743	0.253	19.2	13.9	0.483	2.15	1.30	0.739	2.13	1.15	3.43	8.17	MAX
MIN	0.167	0.189	0.199	0.492	0.179	0.202	0.102	0.096	0.103	0.253	0.490	0.491	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.886
MAXIMUM DAILY, 19.2 ON MAR 31
MINIMUM DAILY, 0.096 ON AUG 19
MAXIMUM INSTANTANEOUS,
24.2 AT 20:58 EST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 10 N
LONG 79 36 46 W
DRAINAGE AREA, 94.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	618	JUL	838
FEB	547	AUG	576
MAR	6 000	SEP	1 270
APR	6 580	OCT	1 270
MAY	854	NOV	3 270
JUN	1 640	DEC	4 480

TOTAL DISCHARGE, 27 900 dam³

REMARKS - STATION FORMERLY CALLED "EAST HUMBER RIVER AT HUMBER TRAILS"

EAST HUMBER RIVER NEAR PINE GROVE - STATION NO. 02HC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.872	0.299B	0.350B	30.0	1.14	0.717	2.30	0.333	0.365	0.760	0.754	3.15	1
2	0.914	0.298B	0.390B	9.75	1.08	0.690	1.45	0.334	0.423	0.676	2.55	2.38	2
3	0.996	0.297B	0.460B	14.3	1.02	0.672	1.10	0.341	0.382	0.600	4.85	2.22	3
4	1.92	0.296B	0.480B	13.1	0.929	0.646	0.848	0.495	0.343	0.550	6.85	2.82	4
5	1.92	0.295B	0.460B	5.81	0.860	0.737	0.683	0.440	0.330	0.523	7.63	2.91	5
6	1.87	0.294B	0.450B	4.41	0.834	1.52	0.552	0.584	0.340	0.478	4.27	6.16	6
7	1.50 B	0.294B	0.437B	2.87	0.824	1.94	0.493	0.272	0.329	0.784	2.65	4.23	7
8	1.30 B	0.293B	0.425B	2.92	1.00	1.29	0.453	0.363	0.298	1.80	2.11	2.63	8
9	1.12 B	0.293B	0.420B	2.81	1.16	0.986	0.399	0.366	0.302	1.55	1.74	1.87	9
10	0.990B	0.292B	0.435B	2.57	0.979	0.816	0.356	0.345	0.448	1.03	1.46	1.44	10
11	0.870B	0.292B	0.523B	2.55	0.855	0.684	0.332	0.318	0.291	1.01	1.38	1.67	11
12	0.760B	0.291B	0.640B	2.59	0.804	0.622	0.302	0.296	0.293	1.11	1.53	1.28	12
13	0.690B	0.290B	6.00 B	2.75	0.739	0.693	0.269	0.286	0.277	1.00	1.64	1.37	13
14	0.636B	0.290B	10.5 B	3.14	0.712	0.572	0.258	0.273	0.737	0.843	1.38	1.16	14
15	0.530B	0.330B	9.19	2.78	0.668	0.684	0.243	0.280	4.38	0.733	1.20	1.05	15
16	0.470B	0.310B	6.33	2.78	0.630	1.57	0.236	0.290	1.72	0.717	1.10	2.91	16
17	0.420B	0.296B	6.80	5.59	0.595	1.24	0.299	0.265	0.969	0.822	1.00	2.75	17
18	0.380B	0.295B	6.57	5.71	0.582	0.879	0.310	0.249	1.19	0.839	0.955	2.29	18
19	0.360B	0.294B	7.00	3.69	0.575	1.01	0.736	0.249	1.44	0.724	0.904	1.94	19
20	0.340B	0.293B	11.2	4.19	0.561	1.59	1.81	0.487	0.865	0.703	0.919	1.65	20
21	0.330B	0.292B	9.74	5.14	0.524	1.84	0.697	0.309	0.653	0.672	1.74	1.54	21
22	0.320B	0.291B	7.97	3.30	0.487	1.73	0.619	0.314	0.622	0.892	3.08	1.41	22
23	0.320B	0.290B	10.6	2.50	0.629	2.01	0.318	0.346	0.679	0.903	2.41	1.38	23
24	0.310B	0.390B	12.4	2.17	0.788	1.65	0.349	0.344	0.767	0.764	4.94	2.63	24
25	0.310B	0.375B	12.0	1.98	0.751	1.19	0.319	1.08	0.837	0.715	3.96	15.7	25
26	0.300B	0.365B	6.74 B	1.82	0.649	2.86	0.302	1.31	0.872	0.675	2.44	22.9	26
27	0.300B	0.358B	3.67 B	1.75	0.584	2.56	0.308	0.793	1.02	0.601	1.90	8.71	27
28	0.300B	0.355B	2.74 B	1.55	0.789	1.62	0.685	0.502	1.44	0.572	1.65	6.40	28
29	0.300B		3.85	1.38	0.823	12.5	0.635	0.423	1.26	0.549	3.04	5.70	29
30	0.300B		7.00	1.23	0.796	4.73	0.486	0.446	0.912	0.533	4.36	3.26	30
31	0.300B		29.4		0.706		0.380	0.410		0.580		2.18	31
TOTAL	22.248	8.648	175.170	147.13	24.073	52.248	18.127	13.143	24.784	24.708	76.392	119.69	TOTAL
MEAN	0.718	0.309	5.65	4.90	0.777	1.74	0.585	0.424	0.826	0.797	2.55	3.86	MEAN
MAX	1.92	0.390	29.4	30.0	1.16	12.5	2.30	1.31	4.38	1.80	7.63	22.9	MAX
MIN	0.300	0.290	0.350	1.23	0.487	0.572	0.236	0.249	0.277	0.478	0.754	1.05	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.94
MAXIMUM DAILY, 30.0 ON APR 1
MINIMUM DAILY, 0.236 ON JUL 16
MAXIMUM INSTANTANEOUS,
41.0 AT 03:56 EST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 47 22 N
LONG 79 35 06 W
DRAINAGE AREA, 197 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 920	JUL	1 570
FEB	747	AUG	1 140
MAR	15 100	SEP	2 140
APR	12 700	OCT	2 130
MAY	2 080	NOV	6 600
JUN	4 510	DEC	10 300

TOTAL DISCHARGE, 60 900 dam³

EAST OAKVILLE CREEK NEAR ONAGH - STATION NO. 02HB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.332B	0.300B	0.180B	20.7	0.526	0.473	1.86	0.206	0.228	0.857	0.295	3.44	1
2	0.332B	0.290B	0.175B	7.58	0.504	0.519	1.01	0.431	0.308	0.615	1.18	2.47	2
3	0.331B	0.281B	0.168B	19.4	0.488	0.417	0.722	0.469	0.488	0.481	2.63	2.86	3
4	1.00 B	0.275B	0.162B	12.2	0.477	0.388	0.610	0.646	0.367	0.411	10.3	7.20	4
5	0.910B	0.269B	0.158B	6.23	0.459	0.552	0.519	0.427	0.298	0.366	9.88	5.53	5
6	0.820B	0.261B	0.155B	5.23	0.450	8.04	0.457	0.313	0.279	0.327	3.91	13.3	6
7	0.720B	0.252B	0.200B	4.61	0.438	6.81	0.408	0.266	0.287	0.891	2.17	4.73	7
8	0.650B	0.246B	0.222B	4.41	0.587	2.88	0.359	0.270	0.300	3.12	1.65	2.57	8
9	0.600B	0.240B	0.241B	2.65	0.633	1.50	0.343	0.429	0.311	1.54	1.35	1.98	9
10	0.560B	0.233B	0.300B	2.55	0.481	0.964	0.323	0.332	0.309	0.932	1.21	1.50B	10
11	0.530B	0.229B	0.380B	2.57	0.434	0.774	0.319	0.259	0.303	0.956	1.11	1.30B	11
12	0.500B	0.222B	0.700B	2.71	0.418	0.602	0.286	0.239	0.315	1.04	1.40	1.17B	12
13	0.470B	0.216B	2.50 B	3.82	0.418	0.515	0.229	0.210	0.377	0.783	1.40	1.08B	13
14	0.447B	0.210B	9.00 B	3.97	0.407	0.466	0.183	0.224	0.623	0.620	1.04	1.08B	14
15	0.430B	0.260B	26.7	3.01	0.398	0.443	0.193	0.217	0.494	0.516	0.846	1.13A	15
16	0.415B	0.251B	19.0	2.58	0.395	0.593	0.182	0.210	0.350E	0.464	0.748	6.27	16
17	0.405B	0.245B	20.8	5.47	0.375	0.469	0.205	0.201	0.260E	0.411	0.693	2.80B	17
18	0.395B	0.242B	16.6	3.86	0.362	0.416	0.286	0.191	0.400E	0.376	0.643	2.10B	18
19	0.380B	0.238B	14.6	2.38	0.369	0.430	0.265	0.179	0.330E	0.356	0.602	1.60B	19
20	0.370B	0.232B	18.3	3.08	0.689	0.515	0.222	0.198	0.260E	0.348	0.595	1.35B	20
21	0.360B	0.228B	15.4	5.06	0.520	1.27	0.203	0.197	0.311A	0.338	1.12	1.20B	21
22	0.350B	0.221B	16.0	2.51	0.421	1.20	0.184	0.212	0.474	0.343	2.11	1.13B	22
23	0.370B	0.218B	23.3	1.97	0.457	1.59	0.181	0.227	2.32	0.318	1.73	1.10B	23
24	0.350B	0.212B	20.2	1.28	0.464	0.945	0.175	0.237	1.55	0.298	6.90	9.07	24
25	0.340B	0.208B	14.4	1.04	0.423	0.673	0.163	1.56	1.65	0.272	2.87	43.4	25
26	0.330B	0.202B	8.20	0.963	0.405	0.625	0.149	0.966	1.27	0.266	1.62	23.1	26
27	0.320B	0.199B	4.19	0.908	0.390	0.547	0.133	0.498	5.96	0.265	1.27	6.76	27
28	0.340B	0.190B	3.12	0.841	0.446	0.463	0.243	0.349	6.05	0.254	1.25	8.74	28
29	0.328B		4.41	0.808	0.508	11.7	0.261	0.269	2.16	0.261	5.65	6.14	29
30	0.317B		8.17	0.593	0.477	5.41	0.208	0.255	1.25	0.259	6.86	3.05	30
31	0.309B		44.5		0.466		0.216	0.245		0.253		1.80	31
TOTAL	14.311	6.670	292.431	134.983	14.285	52.189	11.097	10.932	29.882	18.537	75.032	170.95	TOTAL
MEAN	0.462	0.238	9.43	4.50	0.461	1.74	0.358	0.353	0.996	0.598	2.50	5.51	MEAN
MAX	1.00	0.300	44.5	20.7	0.689	11.7	1.86	1.56	6.05	3.12	10.3	43.4	MAX
MIN	0.309	0.190	0.155	0.593	0.362	0.388	0.133	0.179	0.228	0.253	0.295	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.28
MAXIMUM DAILY, 44.5 ON MAR 31
MINIMUM DAILY, 0.133 ON JUL 27
MAXIMUM INSTANTANEOUS,
58.7 AT 21:09 EST ON DEC 25

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 29 55 N
LONG 79 46 40 W
DRAINAGE AREA, 199 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 240	JUL	959
FEB	576	AUG	945
MAR	25 300	SEP	2 580
APR	11 700	OCT	1 600
MAY	1 230	NOV	6 480
JUN	4 510	DEC	14 800

TOTAL DISCHARGE, 71 900 dam³

EAST RIVER NEAR HUNTSVILLE - STATION NO. 02EB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.10B	4.40B	3.20B	8.40B	37.8	4.27	7.45	2.71	9.06	9.15	5.23	18.3	1
2	5.15B	4.35B	3.20B	11.0 B	33.5	5.47	6.47	2.82	8.73	10.4	5.04	20.2	2
3	5.25B	4.30B	3.15B	15.0 B	29.8	5.58	5.96	2.93	8.60	10.5	5.55	26.2	3
4	5.40B	4.30B	3.10B	20.2	26.1	5.40	5.55	2.83	8.29	9.87	8.00	31.7	4
5	5.68B	4.20B	3.10B	23.2	22.7	5.07	5.24	2.83	9.12	8.94	13.2	32.0	5
6	6.10B	4.20B	3.10B	23.5	19.6	4.69	4.80	2.70	10.9	7.41	16.7	45.0	6
7	6.20B	4.15B	3.10B	21.4	17.9	4.53	4.62	2.64	10.7	6.64	17.0	51.3	7
8	6.20B	4.10B	3.10B	19.1	17.8	4.36	4.44	2.57	9.34	6.14	16.6	42.1	8
9	6.10B	4.05B	3.15B	17.6	16.9	4.18	4.19	2.51	8.20	6.70	17.0	33.6	9
10	6.00B	4.00B	3.25B	16.2	15.4	4.10	4.03	2.47	8.65	6.57	15.8	28.3	10
11	5.95B	3.90B	3.70B	15.7	14.0	4.32	3.97	2.31	9.17	6.30	14.6	26.9	11
12	5.90B	3.85B	4.20B	15.0	12.9	4.26	4.25	2.19	7.85	6.14	19.3	23.8	12
13	5.80B	3.80B	5.00B	16.5	12.1	4.09	4.28	2.25	6.63	6.22	34.6	20.3	13
14	5.70B	3.75B	6.00B	19.7	9.91	3.89	4.26	4.00	5.87	7.05	36.5	20.4	14
15	5.60B	3.70B	6.60B	24.2	8.47	3.97	4.27	4.86	5.80	9.29	30.6	18.7	15
16	5.55B	3.70B	6.65B	32.1	9.28	5.28	4.34	4.80	5.20	11.0	25.2	16.5	16
17	5.50B	3.65B	6.64B	62.4	9.13	5.41	4.36	4.42	3.50	11.1	21.2	15.9	17
18	5.40B	3.60B	6.60B	132	8.67	5.21	4.44	4.73	5.72	10.5	18.6	16.0	18
19	5.35B	3.55B	6.50B	110	8.25	7.19	4.23	5.28	7.95	9.68	16.7	15.9	19
20	5.25B	3.50B	6.40B	75.1	8.00	11.1	3.82	4.10	8.39	8.99	15.5	14.9	20
21	5.15B	3.45B	6.35B	67.7	7.61	11.9	3.62	6.15	7.99	9.13	17.7	13.7	21
22	5.05B	3.40B	6.20B	61.8	7.18	12.5	4.09	8.04	7.47	9.40	22.1	12.9	22
23	5.00B	3.36B	6.10B	54.5	6.82	11.9	4.60	8.45	7.55	9.89	22.5	11.0	23
24	4.95B	3.30B	6.00B	55.5	6.76	8.65	3.42	7.70	6.76	9.80	23.5	10.5	24
25	4.90B	3.30B	5.90B	64.4	6.85	11.2	3.05	6.69	6.38	8.32	23.0	15.5	25
26	4.80B	3.30B	5.80B	73.8	6.78	13.0	2.89	5.82	6.25	7.75	20.7	34.1	26
27	4.75B	3.25B	5.80B	70.0	6.49	12.1	2.69	5.40	6.66	6.92	18.0	41.3	27
28	4.70B	3.20B	5.80B	59.5	6.15	10.9	2.59	5.03	8.21	6.53	15.8	37.4	28
29	4.65B		5.80B	50.3	6.10	9.92	2.54	8.54	9.83	5.42	15.3	46.1	29
30	4.60B		5.90B	43.3	5.94	8.79	2.40	11.6	9.37	4.87	17.0	44.3	30
31	4.50B		6.10B		5.62		2.66	10.5		5.07		36.0	31
TOTAL	166.23	105.61	155.49	1 279.10	410.47	213.23	129.52	149.87	233.34	251.69	548.52	820.8	TOTAL
MEAN	5.36	3.77	5.02	42.6	13.2	7.11	4.18	4.83	7.78	8.12	18.3	26.5	MEAN
MAX	6.20	4.40	6.65	132	37.8	13.0	7.45	11.6	10.9	11.1	36.5	51.3	MAX
MIN	4.50	3.20	3.10	8.40	5.62	3.89	2.40	2.19	3.50	4.87	5.04	10.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.2
MAXIMUM DAILY, 132 ON APR 18
MINIMUM DAILY, 2.19 ON AUG 12
MAXIMUM INSTANTANEOUS,
143 AT 14:53 EST ON APR 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 23 33 N
LONG 79 09 33 W
DRAINAGE AREA, 593 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 400	JUL	11 200
FEB	9 120	AUG	12 900
MAR	13 400	SEP	20 200
APR	111 000	OCT	21 700
MAY	35 500	NOV	47 400
JUN	18 400	DEC	70 900

TOTAL DISCHARGE, 386 800 dam³

EAST TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.002	0.002	0.002	0.003	0.002	0.003	1
2	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.003A	0.005	2
3	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.004	0.006	3
4	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.007	0.004	4
5	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.004	0.007	5
6	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.003	0.006	6
7	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.002	0.003	7
8	---	---	---	---	---	---	0.002	0.002	0.002	0.004	0.002	0.003	8
9	---	---	---	---	---	---	0.002	0.002	0.002	0.003	0.002	0.002	9
10	---	---	---	---	---	---	0.002	0.[illegible]	0.002	0.002	0.002	0.002	10
11	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.002	0.003B	11
12	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.004	0.002B	12
13	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.003	0.002B	13
14	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.002	0.002	14
15	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.002	0.002	15
16	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.002	0.003	16
17	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.002	0.002	17
18	---	---	---	---	---	0.002	0.002	0.001	0.004	0.002	0.002	0.002	18
19	---	---	---	---	---	0.011	0.002	0.002	0.002	0.002	0.002	0.002	19
20	---	---	---	---	---	0.005	0.002	0.002	0.002	0.002	0.002	0.002	20
21	---	---	---	---	---	0.005	0.002	0.002	0.003	0.002	0.005	0.002	21
22	---	---	---	---	---	0.004	0.002	0.002	0.002	0.002	0.003	0.002	22
23	---	---	---	---	---	0.003	0.002	0.002	0.002	0.002	0.003	0.002	23
24	---	---	---	---	---	0.003	0.002	0.002	0.002	0.002	0.003	0.003	24
25	---	---	---	---	---	0.003	0.002	0.002	0.002	0.002	0.002	0.005	25
26	---	---	---	---	---	0.002	0.002	0.002	0.002	0.002	0.002	0.004	26
27	---	---	---	---	---	0.002	0.002	0.002	0.002	0.002	0.002	0.003	27
28	---	---	---	---	---	0.002	0.002	0.002	0.002	0.002	0.002	0.006	28
29	---		---	---	---	0.002	0.002	0.002	0.002	0.002	0.002	0.004	29
30	---		---	---	---	0.002	0.002	0.002	0.004	0.002	0.002	0.003	30
31	---		---		---		0.002	0.002		0.002		0.003	31
TOTAL	---	---	---	---	---	---	0.062	0.061	0.065	0.066	0.080	0.100	TOTAL
MEAN	---	---	---	---	---	---	0.002	0.002	0.002	0.002	0.003	0.003	MEAN
MAX	---	---	---	---	---	---	0.002	0.002	0.004	0.004	0.007	0.007	MAX
MIN	---	---	---	---	---	---	0.002	0.001	0.002	0.002	0.002	0.002	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.001 ON AUG 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 20 N
LONG 77 22 31 W
DRAINAGE AREA, 0.25 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	5.36
FEB	---	AUG	5.27
MAR	---	SEP	5.62
APR	---	OCT	5.70
MAY	---	NOV	6.91
JUN	---	DEC	8.64

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

EELS CREEK BELOW APSLEY - STATION NO. 02HH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.02	1.45B	1.00B	4.00B	5.23	5.51	1.73	0.964	1.33	1.86	1.98	9.04	1
2	2.07	1.50B	1.00B	4.50B	4.55	5.42	1.70	0.947	1.45	2.37	2.26	9.14	2
3	2.21	1.52B	1.00B	5.00B	4.05	5.03	1.57	0.958	1.71	2.38	3.62	12.4	3
4	2.39	1.53B	1.02B	6.00B	3.62	4.56	1.46	0.944	1.95	2.35	5.68	14.5	4
5	2.69	1.54B	1.06B	6.40B	3.29	4.11	1.35	0.905	3.36	2.22	7.36	15.0	5
6	2.77	1.50B	1.08B	6.60B	2.98	4.11	1.43	0.866	3.87	2.09	6.91	15.4	6
7	2.70	1.45B	1.09B	6.10B	2.78	4.12	2.05	0.838	4.09	2.05	6.26	14.9	7
8	2.45B	1.40B	1.09B	5.90B	2.94	3.91	2.14	0.801	3.89	2.20	5.65	13.5	8
9	2.32B	1.35B	1.08B	5.80B	3.49	3.72	1.52	0.764	3.60	2.36	5.12	11.8	9
10	2.20B	1.30B	1.07B	5.80B	3.11	3.96	1.34	0.724	3.36	2.23	4.62	9.15B	10
11	2.10B	1.26B	1.09B	5.80B	2.67	4.42	1.29	0.681	3.12	2.13	4.37	8.50B	11
12	2.02B	1.22B	1.16B	6.20B	2.47	4.17	1.26	0.702	2.90	2.19	4.98	7.25B	12
13	1.94B	1.19B	1.50B	7.20B	2.44	3.92	1.19	1.64	2.72	2.30	6.42	6.68B	13
14	1.87B	1.16B	2.10B	8.50B	2.41	3.68	0.859	2.49	2.61	2.70	7.14	7.95	14
15	1.80B	1.20B	2.40B	11.5 B	2.23	3.67	0.710	2.67	2.70	2.81	7.18	8.88	15
16	1.73B	1.24B	2.30B	14.5 B	2.09	5.12	0.650	2.63	2.62	2.88	6.64	9.11	16
17	1.66B	1.25B	2.22B	19.1	1.94	5.14	0.645	2.53	2.43	2.78	5.99	8.50	17
18	1.59B	1.14B	2.17B	25.5	1.80	4.53	0.855	2.43	2.49	2.66	5.60	7.62B	18
19	1.53B	1.11B	2.12B	26.6	1.77	4.52	1.90	2.52	2.54	2.52	5.36	7.39B	19
20	1.47B	1.09B	2.10B	22.8	1.84	5.64	1.10	3.32	2.39	2.42	5.22	7.18B	20
21	1.41B	1.07B	2.10B	23.5	1.97	5.60	0.989	3.51	2.20	2.45	6.01	6.87	21
22	1.40B	1.05B	2.11B	22.2	1.94	6.16	0.837	3.47	2.08	2.45	7.74	6.59	22
23	1.48B	1.04B	2.13B	18.7	1.86	5.54	0.761	3.52	2.01	2.31	8.12	6.30	23
24	1.56B	1.03B	2.16B	16.6	2.23	4.39	0.715	3.33	1.94	2.22	9.34	6.28	24
25	1.62B	1.02B	2.20B	15.3	3.05	3.23	0.697	3.45	1.99	2.14	9.41	7.66	25
26	1.64B	1.01B	2.35B	15.0	2.97	2.72	0.664	3.33	2.00	2.04	8.89	12.1	26
27	1.58B	1.00B	2.50B	13.8	3.28	2.42	0.622	2.90	2.05	1.95	7.98	13.0	27
28	1.50B	1.00B	2.40B	10.7	4.03	2.15	0.679	1.93	2.10	1.98	7.10	13.6	28
29	1.43B		2.35B	8.30	4.78	2.01	0.701	1.65	1.99	1.94	7.50	13.8	29
30	1.36B		2.50B	6.52	4.73	1.87	0.692	1.48	1.84	1.87	8.64	12.8	30
31	1.40B		2.80B		5.39		0.893	1.45		1.86		10.9	31
TOTAL	57.91	38.62	55.25	354.42	93.83	125.35	34.259	60.344	75.33	70.71	189.89	313.79	TOTAL
MEAN	1.87	1.24	1.78	11.8	3.03	4.18	1.11	1.95	2.51	2.28	6.30	10.1	MEAN
MAX	2.77	1.54	2.80	26.6	5.39	6.16	2.14	3.52	4.09	2.88	9.41	15.4	MAX
MIN	1.36	1.00	1.00	4.00	1.77	1.87	0.622	0.681	1.33	1.86	1.98	6.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.01
MAXIMUM DAILY, 26.6 ON APR 19
MINIMUM DAILY, 0.622 ON JUL 27
MAXIMUM INSTANTANEOUS,
28.2 AT 02:07 EST ON APR 19

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 38 30 N
LONG 78 08 07 W
DRAINAGE AREA, 241 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 000	JUL	2 960
FEB	2 990	AUG	5 210
MAR	4 770	SEP	6 510
APR	30 600	OCT	6 110
MAY	8 120	NOV	16 300
JUN	10 800	DEC	27 100

TOTAL DISCHARGE, 126 000 dam³

EKNAN RIVER BELOW NORTH WASHAGAMI RIVER - STATION NO. 04EA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.7 B	7.65B	6.15B	5.75B	11.0B	174	132	94.6	102	93.1	114	30.0B	1
2	10.6 B	7.60B	6.10B	5.80B	15.0B	169	124	94.6	104	98.2	112	29.0B	2
3	10.5 B	7.55B	6.05B	5.85B	25.0B	169	115	91.3	120	105	109	29.0B	3
4	10.4 B	7.45B	6.00B	5.91B	44.0B	197	107	85.1	160	113	103	29.5B	4
5	10.3 B	7.35B	5.95B	5.95B	75.0B	253	101	78.9	217	132	98.6	30.0B	5
6	10.2 B	7.25B	5.90B	6.00B	130 B	288	97.9	73.2	265	165	91.4	30.0B	6
7	10.1 B	7.20B	5.85B	6.00B	270 E	289	96.5	68.8	279	191	87.7	28.5B	7
8	9.95B	7.15B	5.80B	6.05B	460 E	278	109	66.5	270	199	79.0	27.5B	8
9	9.80B	7.10B	5.80B	6.15B	640 E	270	109	92.4	254	192	75.0B	26.0B	9
10	9.65B	7.05B	5.75B	6.20B	700 E	261	107	149	233	181	71.0B	24.5B	10
11	9.55B	7.00B	5.75B	6.30B	740 E	252	99.9	209	210	171	68.0B	23.5B	11
12	9.45B	6.95B	5.70B	6.40B	740 E	250	90.6	237	193	160	64.0B	22.5B	12
13	9.35B	6.85B	5.70B	6.45B	720 E	256	82.2	232	180	152	62.0B	22.0B	13
14	9.25B	6.85B	5.70B	6.60B	690 E	259	75.4	215	171	148	59.0B	21.5B	14
15	9.10B	6.80B	5.70B	6.70B	660 E	255	70.0	191	163	154	56.0B	21.0B	15
16	9.00B	6.80B	5.70B	6.80B	628 A	248	65.4	170	155	164	54.0B	20.3B	16
17	8.95B	6.75B	5.65B	6.90B	586	237	63.7	154	146	166	52.0B	19.8B	17
18	8.80B	6.70B	5.65B	7.00B	536	223	71.0	140	139	164	50.0B	19.3B	18
19	8.70B	6.65B	5.65B	7.20B	491	208	79.5	130	132	160	48.0B	18.9B	19
20	8.60B	6.60B	5.65B	7.35B	463	196	79.3	122	126	155	47.5B	18.5B	20
21	8.50B	6.55B	5.65B	7.45B	437	188	77.5	118	121	147	50.0B	18.0B	21
22	8.40B	6.50B	5.65B	7.60B	412	176	72.7	114	116	140	50.5B	17.7B	22
23	8.30B	6.45B	5.65B	7.80B	388	164	67.3	109	111	133	47.0B	17.2B	23
24	8.25B	6.40B	5.65B	8.00B	363	153	68.3	103	106	128	44.0B	16.8B	24
25	8.20B	6.35B	5.65B	8.20B	335	147	96.5	97.9	100	124	40.0B	16.5B	25
26	8.10B	6.35B	5.65B	8.40B	306	144	118	94.8	95.7	120	37.0B	16.2B	26
27	8.05B	6.30B	5.65B	8.70B	276	143	122	96.0	91.5	117	35.0B	15.8B	27
28	8.00B	6.25B	5.65B	9.00B	251	146	118	94.8	87.0	114	33.5B	15.5B	28
29	7.95B		5.70B	9.50B	230	145	109	95.6	83.5	112	32.5B	15.2B	29
30	7.80B		5.75B	10.0 B	209	140	99.5	98.6	86.6	111	31.0B	15.0B	30
31	7.75B		5.75B		188		92.7	102		113		14.9B	31
TOTAL	282.25	192.45	178.60	212.01	12 019.0	6 278	2 911.9	3 816.1	4 617.3	4 422.3	1 901.7	670.1	TOTAL
MEAN	9.10	6.87	5.76	7.07	388	209	93.9	123	154	143	63.4	21.6	MEAN
MAX	10.7	7.65	6.15	10.0	740	289	132	237	279	199	114	30.0	MAX
MIN	7.75	6.25	5.65	5.75	11.0	140	63.7	66.5	83.5	93.1	31.0	14.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 103
MAXIMUM DAILY, 740E ON MAY 11
MINIMUM DAILY, 5.65B ON MAR 17

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 48 30 N
LONG 84 55 20 W
DRAINAGE AREA, 10 400 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 400	JUL	252 000
FEB	16 600	AUG	330 000
MAR	15 400	SEP	399 000
APR	18 300	OCT	382 000
MAY	1 040 000	NOV	164 000
JUN	542 000	DEC	57 900

TOTAL DISCHARGE, 3 240 000 dam³

ENGLISH RIVER AT CARIBOU FALLS - STATION NO. 05QE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	166	284	271	291	294	311	315	410	396	400	486	486	1
2	166	256	353	342	303	264	388	496	401	407	471	448	2
3	175	214	368	325	334	258	529	536	435	374	477	483	3
4	312	207	290	301	391	206	531	455	428	471	493	518	4
5	253	250	361	323	389	242	511	414	367	455	501	531	5
6	233	379	304	323	397	286	395	427	373	485	485	517	6
7	235	247	277	277	410	397	410	404	394	507	517	508	7
8	246	291	317	269	281	439	472	340	417	500	505	539	8
9	229	253	335	267	282	363	480	412	432	469	508	539	9
10	218	336	299	258	366	372	426	404	403	462	507	495	10
11	228	345	317	265	442	346	493	397	384	432	475	479	11
12	307	332	324	283	392	365	413	398	391	518	476	490	12
13	197	273	293	173	455	362	455	397	507	438	457	501	13
14	240	275	309	233	411	345	403	351	478	476	489	492	14
15	207	261	324	259	361	391	481	531	473	524	450	484	15
16	210	284	312	248	384	443	433	410	370	544	483	543	16
17	241	325	330	307	353	428	497	444	445	575	477	542	17
18	271	290	351	232	376	434	444	429	409	563	461	542	18
19	221	282	401	229	366	375	431	472	316	474	454	541	19
20	282	288	285	214	410	363	394	394	450	520	470	542	20
21	358	304	317	260	518	386	365	326	443	469	480	510	21
22	398	285	348	250	519	390	356	437	384	476	542	541	22
23	238	334	445	280	460	389	394	458	383	459	355	485	23
24	146	332	332	243	478	401	427	433	481	474	530	479	24
25	229	377	301	255	492	409	377	440	421	490	542	482	25
26	206	373	329	233	472	376	419	399	488	459	460	464	26
27	225	226	293	245	469	398	388	428	449	576	478	451	27
28	239	149	341	237	494	397	393	327	462	551	475	542	28
29	292		400	272	484	323	420	366	429	551	477	477	29
30	279		320	292	369	394	397	399	358	551	486	509	30
31	283		311		396		363	421		551		507	31
TOTAL	7 514	8 052	10 158	7 986	12 468	10 653	13 119	12 955	12 487	15 195	14 467	15 667	TOTAL
MEAN	242	288	328	266	402	355	423	418	416	490	482	505	MEAN
MAX	398	379	445	342	519	443	531	536	507	576	542	543	MAX
MIN	146	149	271	173	281	206	315	326	316	374	355	448	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 386
MAXIMUM DAILY, 576 ON OCT 27
MINIMUM DAILY, 146 ON JAN 24

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 16 00 N
LONG 89 58 15 W
DRAINAGE AREA, 52 300 km²

REGULATED SINCE 1929

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	649 000	JUL	1 130 000
FEB	696 000	AUG	1 120 000
MAR	878 000	SEP	1 080 000
APR	690 000	OCT	1 310 000
MAY	1 000 000	NOV	1 250 000
JUN	920 000	DEC	1 350 000

TOTAL DISCHARGE, 12 200 000 dam³

ENGLISH RIVER AT EAR FALLS - STATION NO. 05QE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	177	196	200	112	37.2	36.5	103	152	223	310	319	372	1
2	185	210	200	114	36.7	36.0	105	150	226	317	319	372	2
3	195	198	204	114	36.5	37.2	100	167	228	310	319	376	3
4	197	200	190	114	38.2	38.0	99.1	219	223	315	323	379	4
5	205	198	197	112	38.3	39.0	54.4	225	223	316	325	365	5
6	197	195	199	82.1	37.1	36.3	38.5	228	220	317	327	366	6
7	197	193	199	60.8	37.0	37.9	38.9	229	217	317	329	364	7
8	199	199	196	57.2	36.9	37.9	114	218	222	312	327	366	8
9	200	195	198	53.9	37.4	36.4	102	228	221	314	325	365	9
10	197	195	199	56.1	36.9	37.0	96.0	228	267	314	332	368	10
11	198	198	198	59.3	36.9	41.0	100	222	321	314	331	363	11
12	201	199	196	55.6	36.6	36.5	101	223	321	312	323	365	12
13	197	199	200	58.2	37.3	37.3	101	222	315	312	327	362	13
14	195	197	202	59.3	37.3	36.7	99.6	225	317	313	326	372	14
15	198	197	174	61.2	37.3	36.8	135	219	319	305	326	387	15
16	201	199	130	58.0	37.3	37.3	145	219	314	311	330	388	16
17	201	198	133	55.7	38.2	36.8	150	223	293	316	328	388	17
18	203	200	142	55.7	36.0	37.0	157	223	315	317	330	385	18
19	198	198	142	139	36.8	37.4	151	221	311	296	349	385	19
20	202	200	143	159	36.8	37.2	148	222	311	283	395	381	20
21	202	197	146	162	36.0	37.7	151	223	311	308	383	330	21
22	201	198	143	185	37.6	37.7	148	222	314	305	390	307	22
23	198	200	143	157	37.0	79.8	148	223	312	321	386	309	23
24	199	208	144	59.8	36.8	106	148	217	319	320	393	310	24
25	195	200	138	58.2	36.5	100	153	220	318	299	390	310	25
26	197	203	136	56.0	36.2	98.7	151	221	316	320	384	309	26
27	199	202	140	54.0	36.3	96.7	148	218	320	320	388	311	27
28	199	193	139	55.7	38.3	96.5	149	222	324	316	391	309	28
29	202		118	52.2	37.1	98.8	152	221	313	316	386	306	29
30	203		114	37.4	36.1	101	152	223	308	308	371	307	30
31	196		109		36.7		149	228		316		305	31
TOTAL	6 134	5 565	5 112	2 510.4	1 147.3	1 599.1	3 787.5	6 701	8 562	9 670	10 472	10 882	TOTAL
MEAN	198	199	165	83.7	37.0	53.3	122	216	285	312	349	351	MEAN
MAX	205	210	204	185	38.3	106	157	229	324	321	395	388	MAX
MIN	177	193	109	37.4	36.0	36.0	38.5	150	217	283	319	305	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 198
MAXIMUM DAILY, 395 ON NOV 20
MINIMUM DAILY, 36.0 ON MAY 18

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 38 00 N
LONG 93 12 30 W
DRAINAGE AREA, 26 400 km²

REGULATED SINCE 1929

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	530 000	JUL	327 000
FEB	481 000	AUG	579 000
MAR	442 000	SEP	740 000
APR	217 000	OCT	835 000
MAY	99 100	NOV	905 000
JUN	138 000	DEC	940 000

TOTAL DISCHARGE, 6 230 000 dam³

ENGLISH RIVER AT MANITOU FALLS - STATION NO. 05QE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	204	310	277	121	247	244	189	237	279	414	403	437	1
2	282	267	328	155	118	217	313	200	320	411	413	441	2
3	225	261	281	154	168	214	238	238	341	390	406	419	3
4	320	251	266	142	188	214	425	272	231	417	410	418	4
5	265	231	263	175	192	208	214	276	252	405	429	442	5
6	242	197	253	132	210	203	173	290	204	350	406	447	6
7	253	224	227	163	221	167	171	267	219	391	425	447	7
8	258	279	253	120	191	258	120	304	281	410	419	447	8
9	271	264	310	113	195	226	84.9	451	292	366	414	441	9
10	269	303	206	106	181	260	100	273	336	399	395	447	10
11	281	275	262	88.3	263	268	187	298	439	390	357	447	11
12	288	268	255	98.8	241	251	208	291	366	404	388	447	12
13	276	243	223	86.4	189	245	182	309	428	419	388	447	13
14	239	258	264	74.6	151	231	162	252	447	408	398	454	14
15	268	308	266	125	138	252	184	268	436	420	404	446	15
16	257	302	217	107	157	221	253	409	380	420	390	446	16
17	244	257	208	137	176	238	241	298	326	419	398	446	17
18	221	271	164	40.1	182	243	298	303	359	416	398	446	18
19	249	260	206	201	199	190	290	288	313	410	391	446	19
20	243	265	192	327	291	183	162	283	405	410	451	455	20
21	321	224	138	334	272	212	187	383	417	378	479	387	21
22	306	325	198	322	295	210	231	284	389	386	448	374	22
23	153	342	242	209	280	168	213	301	340	388	447	387	23
24	172	302	207	105	284	271	232	302	332	367	449	384	24
25	248	292	169	111	302	262	225	318	313	400	475	401	25
26	280	275	184	132	175	213	243	323	389	369	457	389	26
27	275	189	195	243	161	255	242	322	382	397	496	380	27
28	277	173	189	255	177	215	226	312	418	426	496	442	28
29	292		171	209	156	156	229	294	398	406	478	387	29
30	253		122	249	145	297	253	331	408	419	440	384	30
31	217		124		228		232	328		394		399	31
TOTAL	7 941	7 416	6 060	4 835.2	6 373	6 788	6 645.9	9 305	10 400	12 394	12 748	13 140	TOTAL
MEAN	256	265	221	161	206	226	214	300	347	400	425	424	MEAN
MAX	321	342	328	334	302	297	425	451	447	426	496	455	MAX
MIN	153	173	122	40.1	118	156	84.9	200	204	350	357	384	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 287
MAXIMUM DAILY, 496 ON NOV 27
MINIMUM DAILY, 40.1 ON APR 18

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 35 01 N
LONG 93 27 15 W
DRAINAGE AREA, 37 000 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	686 000	JUL	574 000
FEB	641 000	AUG	804 000
MAR	593 000	SEP	999 000
APR	418 000	OCT	1 070 000
MAY	551 000	NOV	1 100 000
JUN	586 000	DEC	1 140 000

TOTAL DISCHARGE, 9 060 000 dam³

ENGLISH RIVER AT UNPREVILLE - STATION NO. 05QA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.2	17.0	15.0	15.2	32.7	105	56.4	82.1	61.6	54.2	101	76.6	1
2	17.4	16.8	14.8	15.3	34.9	103	54.6	81.3	60.8	55.9	100	76.1	2
3	18.1	16.7	14.6	15.8	37.5	102	55.5	82.5	59.0	58.1	98.0	76.0	3
4	17.9	16.5	14.8	16.2	40.2	101	56.2	82.6	58.5	59.3	96.8	75.0	4
5	17.9	16.4	14.8	16.2	44.3	98.8	58.2	82.4	56.4	60.8	96.9	74.2	5
6	18.0A	16.4	14.7	16.2	48.3	96.2	63.9	82.5	55.5	60.5	96.6	72.9	6
7	17.9E	16.6	14.4	16.3	53.2	94.4	67.2	83.2	54.5	64.9	95.9	71.8	7
8	17.9E	16.3	14.4	16.3	56.1	91.6	70.7	82.9	54.8	67.8	94.4	71.2	8
9	17.8E	16.3	14.3	16.5	59.1	88.9	72.4	81.5	53.6	70.5	93.6	70.5	9
10	17.8E	16.0	14.3	16.4	62.5	89.0	74.5	81.0	52.5	74.8	92.5	69.7	10
11	17.7E	16.0	14.4	16.6	66.0	87.8	76.0	81.0	51.4	79.3	92.1	68.6	11
12	17.6E	15.8	14.6	16.4	68.7	86.5	77.5	81.0	51.3	83.2	89.7	67.4	12
13	17.6E	15.7	15.4	16.5	71.5	85.1	78.3	80.9	51.8	88.0	88.7	66.7	13
14	17.5A	15.5	15.3	16.6	74.9	83.9	79.1	80.5	50.4	91.2	88.4	65.5	14
15	17.5	15.8	15.2	16.8	78.6	81.6	81.3	80.3	49.8	92.6	87.3	64.7	15
16	17.4	15.5	15.3	17.0	81.4	81.1	84.6	79.4	49.6	94.1	85.8	63.8	16
17	17.4E	15.9	15.2	17.0	85.2	79.5	87.7	78.1	49.5	96.6	84.4	63.3	17
18	17.5E	16.1	15.0	17.1	89.6	78.6	88.1	77.4	49.1	98.7	83.1	62.3	18
19	17.5A	15.8	15.0	17.1	93.4	77.6	88.5	76.9	48.6	99.4	82.2	61.2	19
20	17.4A	15.7	15.0	17.2	97.5	75.8	89.5	75.1	48.1	100	82.8	60.2	20
21	17.4E	15.6	15.2	17.4	102	74.0	91.2	74.0	48.7	102	83.0	59.3	21
22	17.5E	15.6	15.2	17.9	105	72.7	91.1	73.6	49.3	103	81.4	58.8	22
23	17.5E	15.2	15.2	18.8	107	71.3	91.3	72.4	49.4	103	80.5	58.5	23
24	17.5E	15.1	15.5	19.5	109	69.9	92.4	71.2	49.9	103	79.9	58.0	24
25	17.5E	14.9	15.4	20.8	111	67.8	91.5	69.8	50.2	103	79.5	57.0	25
26	17.6E	14.9	15.2	22.5	112	66.4	90.2	68.4	51.0	103	79.1	56.2	26
27	17.6A	14.7	15.2	24.4	112	64.8	89.5	67.0	50.1	103	78.8	55.5	27
28	17.3	14.8	15.3	26.3	111	63.2	88.5	65.3	51.5	102	78.5	54.6	28
29	17.2		15.2	28.4	111	59.7	87.6	64.5	54.0	103	77.7	53.8	29
30	17.1		15.3	30.5	108	58.0	86.6	63.3	54.5	103	77.3	53.0	30
31	16.9		15.4		107		85.6	61.8		102		52.7	31
TOTAL	544.1	443.6	464.6	555.2	2 470.6	2 454.2	2 445.6	2 363.9	1 575.4	2 679.9	2 625.7	1 995.1	TOTAL
MEAN	17.6	15.8	15.0	18.5	79.7	81.8	78.9	76.3	52.5	86.4	87.5	64.4	MEAN
MAX	18.1	17.0	15.5	30.5	112	105	92.4	83.2	61.6	103	101	76.6	MAX
MIN	16.9	14.7	14.3	15.2	32.7	58.0	54.6	61.8	48.1	54.2	77.3	52.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 56.5
MAXIMUM DAILY, 112 ON MAY 26
MINIMUM DAILY, 14.3 ON MAR 9
MAXIMUM INSTANTANEOUS,
112 AT 18:03 CST ON MAY 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 52 30 N
LONG 91 27 30 W
DRAINAGE AREA, 6 230 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	47 000	JUL	211 000
FEB	38 300	AUG	204 000
MAR	40 100	SEP	136 000
APR	48 000	OCT	232 000
MAY	213 000	NOV	227 000
JUN	212 000	DEC	172 000

TOTAL DISCHARGE, 1 780 000 dam³

KRAMOSA RIVER ABOVE GUELPH - STATION NO. 02GA029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.35	1.11 B	1.02 B	37.0	3.46	3.62	4.07	1.22	1.15	2.10	1.30	5.19	1
2	1.28B	1.09 B	1.01 B	36.5	2.40	3.55	3.13	1.15	1.30	1.80	1.89	4.78	2
3	1.28B	1.07 B	0.980B	23.5	2.82	3.05	2.50	1.22	1.28	1.48	3.74	4.29	3
4	1.40B	1.05 B	1.02 B	19.1	2.76	2.29	2.14	1.37	1.31	1.33	4.86	4.60	4
5	1.39B	1.03 B	1.08 B	15.9	2.54	2.23	1.83	1.41	1.25	1.34	5.31	5.44	5
6	1.37B	1.01 B	1.15 B	11.7	2.55	3.94	1.75	1.51	1.19	1.19	4.85	9.22	6
7	1.35B	1.00 B	1.25 B	10.6	2.44	5.50	1.64	1.29	1.06	1.31	3.99	10.2	7
8	1.34B	0.990B	1.33 B	8.32	2.80	5.47	1.59	1.06	1.02	1.51	2.96	8.38	8
9	1.32B	0.970B	1.41 B	6.58	3.20	4.35	1.37	1.22	1.01	1.57	2.51	5.49	9
10	1.31B	0.960B	1.51 B	6.85	3.13	2.88	1.38	1.09	0.953	1.62	2.34	4.31	10
11	1.30B	0.950B	1.51 B	6.65	2.78	2.43	1.40	1.01	0.905	2.00	2.20	3.25	11
12	1.29B	0.930B	1.50 B	6.57	2.65	2.13	1.29	1.06	0.892	2.20	2.56	2.91B	12
13	1.27B	0.920B	1.70 B	7.05	2.26	1.72	1.29	0.998	0.874	1.75	3.48	2.46B	13
14	1.26B	1.00 B	2.15 B	8.23	2.25	1.79	0.973	0.951	0.883	1.61	3.66	2.48	14
15	1.25B	1.42 B	3.00 B	8.60	2.28	2.26	1.09	0.912	0.904	1.46	3.38	2.44	15
16	1.24B	1.36 B	3.80 B	8.74	2.13	2.84	1.20	0.737	1.29	1.52	2.82	4.83	16
17	1.22B	1.33 B	3.92	12.0	1.92	3.69	1.10	0.751	1.19	1.59	2.45	5.40B	17
18	1.20B	1.30 B	4.02	15.0	1.84	3.67	1.62	0.765	1.20	1.58	2.24	5.60B	18
19	1.19B	1.28 B	3.92	12.2	1.76	3.42	1.98	0.736	1.43	1.54	2.13	3.88	19
20	1.18B	1.25 B	3.86	9.35	1.79	3.99	2.13	0.747	1.69	1.63	2.09	3.22	20
21	1.16B	1.22 B	3.82	9.44	1.84	4.93	1.62	0.747	1.20	1.61	2.73	3.81	21
22	1.15B	1.20 B	3.86	9.16	1.91	5.75	1.52	0.820	1.24	1.39	4.24	2.93	22
23	1.21B	1.17 B	4.02	7.19	2.01	5.90	1.18	0.932	1.87	1.38	4.57	2.83	23
24	1.20B	1.14 B	4.56	5.82	2.00	4.62	1.12	0.956	2.78	1.55	4.83	3.56	24
25	1.17B	1.12 B	5.53	5.13	1.88	3.34	1.10	1.88	2.98	1.34	4.93	7.99	25
26	1.16B	1.00 B	5.64 B	4.79	1.84	2.71	1.08	2.36	3.04	1.27	4.55	13.6	26
27	1.12B	1.08 B	4.19 B	4.16	1.80	3.11	0.881	2.26	3.09	1.22	3.69	13.2	27
28	1.18B	1.06 B	4.69 B	4.08	3.64	2.76	1.30	1.74	3.09	1.18	2.97	9.78	28
29	1.16B		4.55 B	4.00	5.52	4.65	1.77	1.41	2.95	1.15	3.36	7.77	29
30	1.14B		5.39	3.78	5.01	4.49	1.50	1.18	2.52	1.14	4.63	6.18B	30
31	1.12B		13.2		4.19		1.39	1.15		1.14		4.84B	31
TOTAL	38.56	31.010	100.590	327.99	81.40	106.88	49.934	36.642	47.541	46.18	101.26	173.46	TOTAL
MEAN	1.24	1.11	3.24	10.9	2.63	3.56	1.61	1.18	1.58	1.49	3.38	5.60	MEAN
MAX	1.40	1.42	13.2	37.0	5.52	5.90	4.07	2.36	3.09	2.20	5.31	13.6	MAX
MIN	1.12	0.920	0.980	3.78	1.76	1.72	0.881	0.736	0.874	1.14	1.30	2.44	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.13
MAXIMUM DAILY, 37.0 ON APR 1
MINIMUM DAILY, 0.736 ON AUG 19
MAXIMUM INSTANTANEOUS,
46.6 AT 01:43 EST ON APR 2

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 32 52 N
LONG 80 10 59 W
DRAINAGE AREA, 236 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 330	JUL	4 390
FEB	3 680	AUG	3 170
MAR	8 690	SEP	4 110
APR	28 300	OCT	3 980
MAY	7 030	NOV	8 750
JUN	9 230	DEC	15 480

TOTAL DISCHARGE, 98 680 dam³

ETOBICOKE CREEK AT BRAMPTON - STATION NO. 02HC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.423	0.115	0.125B	7.30	0.156	0.274	0.494	0.074	0.089	0.194	0.337	1.14	1
2	0.253	0.115	0.116B	1.80	0.142	0.125	0.240	0.152	0.128	0.157	0.987	0.779	2
3	0.186	0.109	0.220B	7.53	0.135	0.112	0.168	0.106	0.094	0.136	1.47	0.739	3
4	1.71	0.107	0.110B	2.54	0.129	0.105	0.133	0.409	0.084	0.127	2.62	1.74	4
5	1.16 A	0.107	0.140B	0.920B	0.121	0.760	0.115	0.115	0.083	0.123	2.30	1.89	5
6	0.900B	0.108	0.122B	0.680B	0.122	1.29	0.105	0.103	0.080	0.116	0.930	8.36	6
7	0.600B	0.107	0.124B	0.720B	0.118	0.937	0.096	0.114	0.082	0.982	0.587	1.63	7
8	0.420B	0.106	0.135B	0.530B	0.378	0.545	0.085	0.164	0.081	0.496	0.455	0.864	8
9	0.320B	0.099	0.119B	0.527	0.173	0.329	0.085	0.166	0.077	0.360	0.354	0.608B	9
10	0.250B	0.097	0.119B	0.571	0.154	0.208	0.084	0.097	0.081	0.189	0.273	0.465B	10
11	0.200B	0.097	0.400B	0.603	0.129	0.159	0.081	0.096	0.076	0.335	0.401	0.313B	11
12	0.170B	0.096	0.800B	0.617	0.145	0.134	0.078	0.088	0.075	0.161	0.464	0.227B	12
13	0.150B	0.100	3.00 B	0.841	0.130	0.127	0.080	0.086	0.075	0.130	0.546	0.201B	13
14	0.130B	0.096	5.30 B	0.886	0.124	0.113	0.081	0.082	1.34	0.117	0.475	0.193	14
15	0.120B	1.40 B	7.02	0.724	0.116	0.253	0.076	0.076	0.311	0.235	0.334	0.300	15
16	0.110B	1.25 B	6.22	0.774	0.110	0.454	0.076	0.073	0.099	0.125	0.263	1.70	16
17	0.105B	0.180B	5.16	2.50	0.103	0.423	0.279	0.076	0.081	0.123	0.235	1.03	17
18	0.103B	0.123	4.67	1.34	0.098	0.370	0.134	0.073	0.614	0.106	0.217	0.830B	18
19	0.101B	0.400B	4.93	0.716	0.101	0.747	0.091	0.169	0.139	0.115	0.189	0.516	19
20	0.098B	0.310B	6.80	1.82	0.127	1.08	0.075	0.637	0.123	0.209	0.227	0.390	20
21	0.096B	0.700B	5.77	1.82	0.092	2.19	0.078	0.101	0.138	0.132	0.931	0.282	21
22	0.094B	0.152	5.80	0.738	0.113	1.31	0.073	0.125	0.368	0.123	1.44	0.257	22
23	0.093B	0.140	9.43	0.526	0.283	0.676	0.069	0.106	0.662	0.120	1.17	0.384	23
24	0.092B	0.290B	10.5	0.417	0.100	0.456	0.069	0.089	0.319	0.118	2.57	2.25	24
25	0.091B	0.230B	7.36	0.334	0.103	0.327	0.067	2.06	0.426	0.119	1.16	15.0	25
26	0.090B	0.100B	2.58	0.282	0.094	0.423	0.068	0.333	0.242	0.113	0.612	8.70	26
27	0.089B	0.130B	1.32	0.239	0.143	0.234	0.120	0.191	1.12	0.111	0.438	1.85	27
28	0.092B	0.160B	1.06	0.202	0.518	0.188	0.342	0.135	0.620	0.114	0.570	2.20	28
29	0.096B		2.00	0.179	0.135	3.91	0.076	0.107	0.455	0.110	1.49	1.77	29
30	0.102B		5.07	0.162	0.159	1.31	0.083	0.136	0.274	0.116	2.44	0.690B	30
31	0.106		24.1		0.122		0.086	0.091		0.200		0.413B	31
TOTAL	8.550	7.024	120.620	38.838	4.673	19.569	3.787	6.430	8.436	5.910	26.405	57.711	TOTAL
MEAN	0.276	0.251	3.89	1.29	0.151	0.652	0.122	0.207	0.281	0.191	0.880	1.86	MEAN
MAX	1.71	1.40	24.1	7.53	0.518	3.91	0.494	2.06	1.34	0.982	2.62	15.0	MAX
MIN	0.089	0.096	0.110	0.162	0.092	0.105	0.067	0.073	0.075	0.106	0.189	0.193	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.844
MAXIMUM DAILY, 24.1 ON MAR 31
MINIMUM DAILY, 0.067 ON JUL 25
MAXIMUM INSTANTANEOUS,
29.7 AT 07:56 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 29 N
LONG 79 45 35 W
DRAINAGE AREA, 63.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	739	JUL	327
FEB	607	AUG	556
MAR	10 400	SEP	729
APR	3 360	OCT	511
MAY	404	NOV	2 280
JUN	1 690	DEC	4 990

TOTAL DISCHARGE, 26 600 dam³

ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY - STATION NO. 02HC030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.43	0.285B	0.438B	17.9	0.579	2.05	1.71	0.309	0.430	0.977	2.37	3.11	1
2	1.42	0.280B	0.422B	4.59	0.557	1.03	1.01	2.11	1.21	0.785	9.23	2.61	2
3	1.18	0.280B	0.402B	21.6	0.531	0.561	0.745	0.852	0.810	0.690	10.9	2.73	3
4	23.0	0.300B	0.410B	7.48	0.516	0.485	0.652	5.27	0.415	0.618	26.6	8.14	4
5	3.61	0.355B	0.630B	2.62 B	0.513	5.07	0.581	0.795	0.309	0.566	10.0	6.63	5
6	2.55	0.340B	0.500B	2.08 B	0.517	10.3	0.521	0.450	0.279	0.560	3.22	17.7	6
7	1.90	0.330B	0.472B	1.52 B	0.544	3.19	0.497	0.378	0.280	10.7	1.96	4.57	7
8	0.912	0.320B	0.462B	1.50 B	3.49	1.73	0.465	1.49	0.285	4.71	1.54	2.40	8
9	0.510B	0.312B	0.460B	1.48	0.978	1.07	0.426	3.20	0.296	1.52	1.25	1.62 B	9
10	0.410B	0.310B	0.458B	1.44	0.635	0.835	0.391	0.577	0.287	0.991	1.02	1.11 B	10
11	0.350B	0.322B	3.40	1.75	0.599	0.701	0.388	0.423	0.270	3.53	2.13	0.890B	11
12	0.320B	0.320B	5.13	1.59	0.519	0.568	0.339	0.347	0.290	1.35	2.39	0.723B	12
13	0.300B	0.312B	35.4	2.44	0.626	0.750	0.314	0.357	0.264	0.932	1.57	0.907	13
14	0.280B	0.310B	30.0	2.25	0.441	0.605	0.322	0.326	16.5	0.807	1.25	0.977	14
15	0.270B	0.758B	21.6	1.73	0.460	1.85	0.350	0.269	8.91	1.28	1.01	1.61	15
16	0.262B	1.58 B	16.7	1.98	0.411	2.31	0.332	0.272	1.26	0.831	0.860	11.7	16
17	0.258B	1.10 B	21.6	6.06	0.409	1.86	2.57	0.264	0.721	0.601	0.808	2.35 B	17
18	0.252B	0.660B	12.6	3.31	0.392	0.811	1.60	0.282	5.65	0.537	0.756	1.56 B	18
19	0.258B	0.890B	16.3	1.91	1.68	2.98	4.87	1.46	1.11	0.584	0.691	1.43	19
20	0.248B	0.840B	19.4	6.47	2.60	2.16	0.500	6.82	0.683	1.21	0.739	1.60	20
21	0.246B	1.08 B	12.3	4.76	0.611	6.50	0.343	0.822	0.711	0.984	6.45	1.78	21
22	0.245B	0.900B	15.2	2.18	0.534	7.86	0.341	0.767	3.15	0.530	3.58	1.53	22
23	0.330B	0.700B	17.6	1.49	1.59	2.41	0.314	0.876	5.80	0.468	3.83	2.91	23
24	0.280B	0.600B	17.5	1.19	0.679	1.23	0.286	0.465	2.31	0.465	11.4	16.2	24
25	0.260B	0.490B	14.2	0.996	0.474	1.24	0.266	21.5	3.00	0.458	3.29	35.8	25
26	0.250B	0.430B	7.40 B	0.981	0.475	3.57	5.255	1.69	1.49	0.478	1.79 B	24.1	26
27	0.242B	0.465B	3.18 B	0.893	0.610	0.942	6.390	0.856	15.7	0.476	1.25 B	5.42	27
28	0.330B	0.460B	2.55 B	0.826	3.98	0.713	3.95	0.633	4.76	0.476	1.93 B	8.59	28
29	0.325B		3.97	0.670	1.31	27.5	0.671	0.461	1.93	0.492	0.81	4.92	29
30	0.305B		7.49	0.638	0.695	3.81	0.353	0.728	1.27	0.432	5.54	2.10 B	30
31	0.292B		43.5		0.704		0.427	0.548		0.603		1.25 B	31
TOTAL	44.817	15.329	331.674	106.324	28.659	95.891	23.139	55.597	80.780	39.561	128.162	178.887	TOTAL
MEAN	1.45	0.547	10.7	3.54	0.924	3.20	0.746	1.79	2.69	1.28	4.27	5.77	MEAN
MAX	23.0	1.58	43.5	21.6	3.98	27.5	3.95	21.5	16.5	10.7	26.6	35.8	MAX
MIN	0.242	0.280	0.402	0.638	0.392	0.485	0.255	0.264	0.264	0.432	0.691	0.723	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.09
MAXIMUM DAILY, 43.5 ON MAR 31
MINIMUM DAILY, 0.242B ON JAN 27
MAXIMUM INSTANTANEOUS,
78.1 AT 17:00 EST ON MAR 13

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 36 02 N
LONG 79 33 24 W
DRAINAGE AREA, 284 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 870	JUL	2 980
FEB	1 320	AUG	4 880
MAR	28 700	SEP	6 990
APR	9 190	OCT	3 420
MAY	2 480	NOV	11 100
JUN	8 280	DEC	19 500

TOTAL DISCHARGE, 97 600 dam³

FAIRCHILD CREEK NEAR BRANTFORD - STATION NO. 02GB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.07 B	0.590B	1.05B	49.0	2.33	2.40	2.19	0.465E	1.56	5.03	0.929	9.59	1
2	1.04 B	0.580B	1.05B	40.2	2.07	2.37	1.66	0.455E	1.40	3.77	2.31	8.31	2
3	1.02 B	0.570B	1.05B	28.6	1.89	2.06	1.31	0.504E	2.45	2.98	4.47	7.00	3
4	5.83 B	0.560B	1.05B	29.5	1.78	1.72	1.05	0.512E	2.16	2.48	7.44	7.47	4
5	8.10 B	0.555B	1.04B	20.3	1.65	1.72	0.986	0.525E	1.51	2.08	8.97	8.59	5
6	3.60 B	0.550B	1.03B	13.1	1.55	5.40	0.918	0.533E	1.22	1.73	7.41	15.4	6
7	2.69 B	0.550B	1.02B	9.91	1.47	7.32	0.836	0.541E	0.987	1.73	5.62	15.5	7
8	1.86 B	0.545B	1.01B	9.09	2.06E	6.10	0.755	0.548E	0.813	2.84	4.20	12.2	8
9	1.50 B	0.540B	1.01B	9.59	3.02E	4.77	0.682	0.613E	0.679	3.12	3.32	9.02	9
10	1.18 B	0.540B	1.05B	9.06	2.91E	3.63	0.630	0.646E	0.606	3.01	2.77	7.10	10
11	1.02 B	0.540B	1.26B	8.17	2.29E	3.26	0.584	0.674E	0.563	2.95	2.69	5.99	11
12	0.830B	0.540B	1.84B	8.06	1.90	2.89	0.546	0.679E	0.536	2.95	3.82	4.98	12
13	0.760B	0.540B	3.20B	8.71	1.73	2.39	0.528	0.676E	0.509	2.78	5.03	4.49	13
14	0.810B	0.600B	5.00B	9.72	1.58	2.66	0.521	0.649E	0.485	2.48	4.59	5.64	14
15	0.870B	0.700B	10.3 B	8.76	1.46	2.41	0.507	0.572E	0.383	2.30	3.67	3.92	15
16	0.800B	1.17 B	14.8 B	7.86	1.36	4.19	0.490	0.492E	0.406	2.10	3.01	8.80	16
17	0.760B	1.10 B	14.3 B	9.01	1.28	4.21	0.470	0.471E	0.411	1.98	2.59	10.7	17
18	0.710B	1.05 B	13.9 B	10.4	1.20	3.18	0.538	0.464E	0.629	1.66	2.30	11.1	18
19	0.690B	1.04 B	13.5 B	8.75	1.12	3.07	0.564	0.448E	0.582	1.51	2.11	10.6	19
20	0.660B	1.00 B	13.1 B	7.31	1.97	3.38	0.572	0.501E	0.475	1.42	1.99	7.78	20
21	0.640B	1.06 B	16.3 B	9.52	3.85	5.60	0.573	0.473	0.469	1.51	3.31	6.75	21
22	0.660B	1.11 B	17.5 B	8.59	2.91	4.56	0.554	0.400	0.633	1.46	8.60	4.33	22
23	0.730B	1.10 B	18.8 B	6.61	2.67	3.64	0.510	0.417	1.39	1.41	8.66	3.93	23
24	0.690B	1.08 B	19.2 B	5.28	2.31	2.69	0.483	0.419	1.86	10.8	10.4	6.65	24
25	0.650B	1.07 B	21.0 B	4.46	2.06	2.18	0.466	8.18	2.66	1.29	10.4	19.8	25
26	0.630B	1.07 B	25.2	3.83	1.85	1.89	0.445	16.8	3.61	1.26	8.49	38.7	26
27	0.610B	1.06 B	16.6	3.41	1.76	1.71	0.428	10.6	5.85	1.17	6.78	40.5	27
28	0.700B	1.05 B	11.8	3.10	3.26	1.49	0.627E	6.02	9.68	1.03	5.52	25.9	28
29	0.607B		11.8	2.81	6.23	2.77	0.835E	3.87	8.37	0.931	7.12	19.4	29
30	0.600B		10.5	2.59	3.72	3.58	0.573E	2.61	6.47	0.850	9.77	13.9	30
31	0.590B		33.5		2.68		0.484E	1.98		0.794		8.63	31
TOTAL	42.907	22.460	387.76	355.30	69.92	99.24	22.315	62.737	59.316	63.895	158.689	362.27	TOTAL
MEAN	1.38	0.802	9.93	11.8	2.26	3.31	0.720	2.02	1.98	2.06	5.29	11.7	MEAN
MAX	8.10	1.17	33.5	49.0	6.23	7.32	2.19	16.8	9.68	5.03	10.8	40.5	MAX
MIN	0.590	0.540	1.01	2.59	1.12	1.49	0.428	0.400	0.383	0.794	0.929	3.92	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.46
MAXIMUM DAILY, 49.0 ON APR 1
MINIMUM DAILY, 0.383 ON SEP 15
MAXIMUM INSTANTANEOUS, 51.5 AT 17:01 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 49 N
LONG 80 09 18 W
DRAINAGE AREA, 360 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 710	JUL	1 930
FEB	1 940	AUG	5 420
MAR	26 600	SEP	5 120
APR	30 700	OCT	5 520
MAY	6 040	NOV	13 700
JUN	8 570	DEC	31 300

TOTAL DISCHARGE, 141 000 dam³

FALL RIVER NEAR FALLBROOK - STATION NO. 02EF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.66	2.23B	1.66B	5.85	12.8	6.60	2.34	1.02	0.237	0.652	0.503	3.59	1
2	2.63	2.33B	1.66B	7.02	10.3	6.69	2.37	0.835	0.281	0.596	0.685	3.75	2
3	2.57	2.28	1.62B	8.99	9.73	5.98	2.13	0.919	0.473	0.653	0.758	4.44	3
4	2.83	2.41B	1.63B	11.3	9.55	5.68	1.46	0.865	0.288	0.546	1.02	4.80	4
5	3.06	2.33B	1.63B	12.0	9.37	5.17	0.923	0.844	0.308	0.558	1.72	5.07	5
6	2.98	2.36B	1.62B	12.3	8.99	4.99	1.07	0.819	0.262	0.536	2.26	6.42	6
7	2.97	2.38B	1.57	12.4 A	8.67	5.10	1.15	0.805	0.265	0.435	1.90	5.98	7
8	2.91	2.39B	1.62B	13.4	8.45	4.93	1.20	0.739	0.286	0.562	2.06	5.56	8
9	2.91	2.30	1.63B	13.7	8.55	4.67	1.17	0.814	0.337	0.420	1.86	5.53	9
10	2.89	2.29B	1.63B	13.1	8.33	4.65	0.983	0.803	0.263	0.410	1.94	5.61	10
11	2.81	2.27B	1.53	12.5	8.25	4.39	1.20	0.614	0.212	0.491	2.17	5.51	11
12	2.69	2.30B	1.52	12.2	8.02	4.07	1.55	0.495	0.189	0.520	2.74	5.32	12
13	2.53	2.30B	1.73	12.5	7.54	3.88	1.19	0.499	0.177	0.533	2.65	5.07	13
14	2.48	2.18B	1.89	12.6	7.19	3.65	1.22	0.500	0.183	0.500	2.37	4.89	14
15	2.44	2.11	1.95	13.0	6.88	3.32	1.22	0.462	0.259	0.589	2.58	4.81	15
16	2.38	1.98	2.05	12.5	6.70	3.36	1.20	0.515	0.499	0.441	2.64	5.60	16
17	2.37	1.93B	2.26	13.1	6.89	3.18	1.23	0.364	0.467	0.455	2.48	6.01	17
18	2.26	1.91B	2.31	15.4	5.79	2.99	1.36	0.361	0.627	0.564	2.38	6.01	18
19	2.17	1.87	2.39	15.0	5.67	2.90	1.35	0.455	0.594	0.610	2.40	5.89	19
20	2.12	1.84	2.48	15.9	5.30	3.00	1.14	0.311	0.539	0.895	2.55	5.84	20
21	2.09	1.77	2.65	18.0	4.85	2.93	1.13	0.274	0.640	0.932	2.67	5.82	21
22	2.05	1.77	2.87	18.1	4.50	3.12	1.09	0.322	0.546	0.666	2.47	5.60	22
23	2.06B	1.83B	2.88	18.3	4.35	3.07	0.919	0.329	0.556	0.512	2.50	5.38	23
24	2.20B	1.81B	2.90	17.2	4.39	3.14	0.952	0.276	0.621	0.503	3.00	5.64	24
25	2.28B	1.81B	3.06	16.8	4.34	3.07	0.997	0.326	0.565	0.534	3.43	6.09	25
26	2.26B	1.78B	3.69	15.8	4.26	2.84	0.780	0.508	0.563	0.484	3.08	7.19	26
27	2.17B	1.71B	3.82	14.8	4.59	2.82	0.789	0.469	0.541	0.534	2.85	7.56	27
28	2.09	1.65B	3.94	11.2	5.18	2.68	0.866	0.386	0.614	0.536	2.85	8.33	28
29	2.03		3.94	13.5	6.38	2.47	0.904	0.351	0.598	0.557	3.09	8.59	29
30	2.04		3.98	18.3	6.38	2.40	0.910	0.330	0.662	0.639	3.38	8.18	30
31	2.06B		4.53		6.44		0.980	0.269		0.582		8.03	31
TOTAL	75.91	58.12	74.64	402.76	217.83	117.74	37.773	16.859	12.652	17.281	68.746	182.11	TOTAL
MEAN	2.45	2.08	2.41	13.4	7.03	3.92	1.22	0.544	0.422	0.557	2.29	5.87	MEAN
MAX	3.06	2.41	4.53	18.3	12.8	6.69	2.37	1.02	0.662	0.932	3.43	8.59	MAX
MIN	2.03	1.65	1.52	5.85	4.26	2.40	0.780	0.269	0.177	0.410	0.503	3.59	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.51
MAXIMUM DAILY, 18.3 ON APR 23
MINIMUM DAILY, 0.177 ON SEP 13
MAXIMUM INSTANTANEOUS, 20.3 AT 10:08 EST ON APR 29

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 57 01 N
LONG 76 24 11 W
DRAINAGE AREA, 277 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 560	JUL	3 260
FEB	5 030	AUG	1 460
MAR	6 680	SEP	1 090
APR	34 800	OCT	1 490
MAY	10 800	NOV	5 940
JUN	10 200	DEC	15 700

TOTAL DISCHARGE, 111 000 dam³

FAREWELL CREEK AT OSHAWA - STATION NO. 02HD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.600B	0.084B	0.120B	5.10 E	0.290E	0.200	0.600	0.163E	0.190	0.150	0.140	0.630	1
2	1.15 B	0.082B	0.115B	2.50 B	0.260E	0.200	0.523E	0.149E	0.175	0.129E	0.510	0.482	2
3	0.340B	0.090B	0.110B	13.0 E	0.230	0.165	0.445E	0.135	0.200	0.109E	0.912	0.730	3
4	1.05 B	0.095B	0.105B	12.0 E	0.230	0.299E	0.368E	0.155	0.188E	0.088	1.98	1.13 E	4
5	1.60 B	0.090B	0.100B	3.50 B	0.218	0.433E	0.290	0.130	0.175E	0.088	1.53	1.52 E	5
6	1.23 B	0.085B	0.100B	0.690B	0.212	0.566E	0.200	0.125	0.163E	0.070	1.15 E	1.92	6
7	0.600B	0.082B	0.100B	0.720B	0.230	0.700	0.200	0.162E	0.150	0.125	0.771E	0.992	7
8	0.240B	0.078B	0.099B	0.750B	0.260E	0 365	0.190	0.199E	0.070	0.200	0.392	0.620	8
9	0.202B	0.077B	0.102B	0.820E	0.290E	0.212	0.185	0.236	0.055	0.210E	0.284	0.400B	9
10	0.150B	0.077B	0.105B	0.930E	0.320	0.200	0.190E	0.165	0.055	0.236E	0.284	0.290B	10
11	0.130B	0.077B	0.310B	1.04 E	0.260	10.6	0.195E	0.150	0.055E	0.254E	0.260	0.230B	11
12	0.120B	0.077B	2.05 B	1.20 E	0.248	7.39 E	0.200	0.170	0.055E	0.272	0.260	0.215B	12
13	0.110B	0.078B	3.60 B	1.95	0.230	4.14 E	0.180	0.155	0.055	0.190	0.274E	0.210B	13
14	0.105B	0.078B	5.80 B	1.75 E	0.218	0.980	0.180	0.147E	0.055	0.160	0.288E	0.245B	14
15	0.103B	0.130B	3.37 B	1.60 E	0.195E	0.700	0.185	0.138E	0.110	0.218	0.302	0.330B	15
16	0.101B	0.200B	2.38 B	1.50	0.173E	1.95	0.195	0.130	0.085	0.185E	0.290	1.18 E	16
17	0.100B	0.125B	3.10 B	1.90 E	0.150	1.25	0.417E	0.125	0.082	0.153E	0.260	0.630B	17
18	0.099B	0.095B	3.20 E	1.05	0.105	1.13 E	0.638E	0.125	0.093E	0.120	0.242	0.420B	18
19	0.097B	0.120B	3.30 E	1.00 E	0.125	1.00 E	0.860	0.120	0.104E	0.110	0.242	0.335B	19
20	0.095B	0.210B	3.45 E	2.90 E	0.500	0.875E	0.428	0.115	0.115	0.100	0.628E	0.240B	20
21	0.093B	0.230B	3.52 E	2.50 E	0.260	0.750	0.282	0.145E	0.076	0.120	1.01 E	0.220B	21
22	0.092B	0.240B	3.70 E	1.50 E	0.253E	0.700	0.212	0.176E	0.076	0.130	1.40	0.210B	22
23	0.120B	0.242B	4.40 E	0.900	0.245E	0.600	0.165	0.206	0.195	0.117E	0.770	0.250B	23
24	0.115B	0.205B	5.75 E	0.750E	0.238E	0.410	0.158E	0.150	0.180	0.104E	1.76	1.07 B	24
25	0.105B	0.170B	3.90 E	0.695E	0.230	0.410	0.152E	0.740	0.225E	0.091	0.820	1.80 E	25
26	0.095B	0.140B	2.15 B	0.650	0.200	0.523E	0.145	0.401	0.269E	0.094	0.880	1.16 E	26
27	0.093B	0.135B	1.75 B	0.570E	0.160	0.637E	0.165	0.347	0.314	0.088	0.810E	0.950E	27
28	0.090B	0.130B	1.70 B	0.480E	0.500	0.750	0.260	0.291E	0.491	0.097	0.820E	1.42 E	28
29	0.088B		1.80 E	0.364	0.408E	0.700	0.236	0.236E	0.308	0.097	0.830	0.900E	29
30	0.087B		6.00 E	0.325E	0.316E	0.700	0.190	0.180	0.190	0.111E	0.880	0.680B	30
31	0.086B		7.42 E		0.224		0.176E	0.180		0.126E		0.470B	31
TOTAL	9.286	3.522	73.706	64.634	7.778	39.455	8.770	6.046	4.554	4.350	20.899	21.869	TOTAL
MEAN	0.300	0.126	2.38	2.15	0.251	1.32	0.283	0.195	0.152	0.140	0.697	0.705	MEAN
MAX	1.60	0.242	7.42	13.0	0.500	10.6	0.860	0.740	0.491	0.272	1.98	1.92	MAX
MIN	0.086	0.077	0.099	0.325	0.105	0.165	0.145	0.115	0.055	0.070	0.140	0.210	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.726
MAXIMUM DAILY, 13.0E ON APR 3
MINIMUM DAILY, 0.075 ON SEP 9

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 43 53 18 N
LONG 78 49 16 W
DRAINAGE AREA, 58.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	802	JUL	758
FEB	304	AUG	522
MAR	6 370	SEP	393
APR	5 580	OCT	376
MAY	672	NOV	1 810
JUN	3 410	DEC	1 890

TOTAL DISCHARGE, 22 900 dam³

FARR CREEK AT NORTH COBALT - STATION NO. 02JE018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.333B	0.297B	0.135B	2.65	3.00	0.359	0.252	0.019	0.109	0.208	0.352	0.478B	1
2	0.237B	0.298B	0.135B	1.88	2.83	0.352	0.204	0.028	0.201	0.215	0.380	0.487B	2
3	0.248B	0.321B	0.137B	1.36	2.62	0.284	0.278	0.035	0.194	0.240	0.426	0.565B	3
4	0.275B	0.331B	0.141B	1.28	2.41	0.261	0.269	0.052	0.143	0.208	0.422	0.548B	4
5	0.248B	0.328B	0.147B	0.972	2.16	0.211	0.211	0.055	0.120	0.213	0.431	0.544B	5
6	0.238B	0.326B	0.156B	1.10	1.85	0.201	0.168	0.041	0.140	0.202	0.425	0.749B	6
7	0.243B	0.293B	0.155B	1.05	1.60	0.207	0.133	0.042	0.119	0.365	0.404	0.640B	7
8	0.272B	0.264B	0.159B	1.45	1.48	0.198	0.076	0.052	0.102	0.547	0.381	0.554B	8
9	0.283B	0.250B	0.160B	1.07	1.31	0.259	0.054	0.092	0.084	0.590	0.377	0.556B	9
10	0.242B	0.235B	0.158B	1.10	1.19	0.255	0.039	0.119	0.072	0.465	0.378	0.590B	10
11	0.269B	0.205B	0.163B	1.25	1.06	0.272	0.103	0.069	0.047	0.439	0.385	0.526B	11
12	0.278B	0.181B	0.168B	1.54	0.890	0.220	0.159	0.024	0.050	0.425	0.499	0.485B	12
13	0.275B	0.182B	0.209B	2.01	0.810	0.153	0.156	0.012	0.055	0.428	0.496	0.499B	13
14	0.263B	0.175B	0.233B	2.14	0.730	0.148	0.171	0.010	0.102	0.473	0.467	0.544B	14
15	0.257B	0.177B	0.228B	2.72	0.666	0.181	0.166	0.007	0.135	0.515	0.481	0.565B	15
16	0.251B	0.177B	0.226B	4.00	0.575	0.247	0.153	0	0.206	0.501	0.488	0.462B	16
17	0.244B	0.176B	0.229B	5.19	0.523	0.218	0.144	0	0.210	0.470	0.485	0.399B	17
18	0.242B	0.168B	0.237B	4.56	0.538	0.164	0.086	0	0.320	0.452	0.491	0.427B	18
19	0.239B	0.172B	0.241B	3.90	0.632	0.218	0.036	0.003	0.259	0.422	0.507	0.431B	19
20	0.243B	0.180B	0.236B	3.44	1.01	0.382	0.018	0.018	0.217	0.491	0.619	0.422B	20
21	0.240B	0.196B	0.234B	2.96	0.862	0.339	0.013	0.016	0.209	0.567	0.711	0.384B	21
22	0.238B	0.203B	0.228B	2.54	0.714	0.260	0.001	0.030	0.188	0.480	0.644	0.377B	22
23	0.205B	0.203B	0.212B	2.52	0.666	0.247	0	0.071	0.152	0.426	0.600	0.403B	23
24	0.253B	0.193B	0.227B	2.93	0.617	0.247	0	0.095	0.140	0.418	0.557B	0.419B	24
25	0.249B	0.170B	0.265B	3.53	0.544	0.380	0	0.088	0.170	0.377	0.519B	0.542B	25
26	0.247B	0.146B	0.190B	4.53	0.481	0.337	0	0.078	0.196	0.382	0.513B	0.690B	26
27	0.258B	0.136B	0.137B	5.37	0.446	0.319	0	0.123	0.189	0.389	0.475B	0.531B	27
28	0.270B	0.136B	0.134B	4.97	0.429	0.219	0.027	0.128	0.208	0.380	0.507B	0.740B	28
29	0.268B		0.164B	4.06	0.410	0.207	0.066	0.086	0.227	0.393	0.493B	0.756B	29
30	0.287B		0.204B	3.38	0.374	0.198	0.037	0.078	0.230	0.386	0.483B	0.668B	30
31	0.296B		1.73 B		0.313		0.022	0.067		0.351		0.640B	31
TOTAL	8.831	6.119	7.418	81.432	33.736	7.543	3.078	1.534	4.794	12.398	16.396	16.681	TOTAL
MEAN	0.259	0.219	0.239	2.71	1.09	0.251	0.099	0.049	0.160	0.400	0.488	0.536	MEAN
MAX	0.333	0.331	1.73	5.37	3.00	0.382	0.278	0.123	0.320	0.595	0.711	0.756	MAX
MIN	0.237	0.136	0.134	0.972	0.313	0.148	0	0	0.047	0.203	0.352	0.377	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.340
MAXIMUM DAILY, 5.37 ON APR 27
MINIMUM DAILY, 0 ON JUL 23
MAXIMUM INSTANTANEOUS,
5.86 AT 16:49 EST ON APR 17

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 25 28 N
LONG 79 37 59 W
DRAINAGE AREA, 62.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	694	JUL	366
FEB	529	AUG	133
MAR	641	SEP	414
APR	7 040	OCT	1 070
MAY	3 910	NOV	1 200
JUN	652	DEC	1 430

TOTAL DISCHARGE, 17 000 dam³

FAWN RIVER BELOW BIG TROUT LAKE - STATION NO. 04CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.9B	36.5B	33.1B	29.6B	30.0	54.2	77.9	78.1	76.9	66.1	61.2	49.8	1
2	41.6B	36.3B	33.0B	29.5B	29.9	57.4	77.0	76.8E	79.9	63.4	59.9	49.6	2
3	41.3B	36.2B	32.9B	29.3B	30.0	58.6	76.0	73.2	82.0	66.8	59.7	49.0B	3
4	41.0B	36.1B	32.7B	29.2B	31.2	58.7	77.0	74.5	82.0	62.0	59.7	48.5B	4
5	40.8B	36.0B	32.6B	29.1B	32.8	57.5	77.8	75.6	82.0	64.0	59.3	48.2B	5
6	40.6B	35.8B	32.5B	29.0B	33.4	57.7	77.5	76.6	78.4	64.1	59.2	48.2B	6
7	40.4B	35.7B	32.4B	28.9B	35.3	57.9	78.0	75.2	77.7	60.6	58.8	48.0B	7
8	40.2B	35.6B	32.3B	28.8B	36.9	58.8	82.3	75.9	79.8	62.4	58.4	47.9B	8
9	40.0B	35.5B	32.2B	28.7B	38.0	57.0	79.3	78.4	77.5	63.0	57.9	47.8B	9
10	39.8B	35.3B	32.1B	28.6B	39.5	57.8	78.1	79.6	74.8	62.8	57.8	47.6B	10
11	39.6B	35.2B	31.9B	28.6B	42.1	63.4	75.6	79.6	75.9	62.2	56.4	47.3B	11
12	39.4B	35.1B	31.8B	28.6B	43.6	65.1	74.6	79.1	76.8	62.1	55.2	47.0B	12
13	39.2B	35.0B	31.7B	28.7B	44.5	64.5	74.5	78.7	78.7	63.9	54.9	46.8B	13
14	39.0B	34.9B	31.6B	28.7B	45.6	64.4	74.5	79.5	75.4	65.8	54.2	46.5B	14
15	38.8B	34.8B	31.5B	28.7B	46.7	65.3	73.9	80.6	74.8	67.1	53.3	46.2B	15
16	38.6B	34.7B	31.4B	28.8B	47.2	65.9	78.4	82.2	73.9	66.4	53.2	46.0B	16
17	38.4B	34.6B	31.3B	28.8B	48.3	67.5	77.1	79.9	73.4	62.7	53.1	45.9B	17
18	38.2B	34.5B	31.2B	28.8B	49.1	69.3	77.7	78.6	72.1	60.8	52.8	45.7B	18
19	38.0B	34.4B	31.1B	28.9B	49.7	70.0	79.0	80.6	71.1	61.7	52.3	45.5B	19
20	37.9B	34.2B	31.0B	28.9B	51.5	70.1	80.3	82.1	71.3	63.0	52.3	45.2B	20
21	37.8B	34.1B	30.8B	28.9B	52.5	71.3	81.2	82.8	71.4	63.5	53.1	45.0B	21
22	37.7B	34.0B	30.6B	29.0B	53.4	72.8	79.8	83.0	70.9	62.5	53.1	44.8B	22
23	37.6B	33.9B	30.5B	29.1B	54.0	74.2	78.6	83.0	68.0	60.7	53.3	44.4B	23
24	37.5B	33.7B	30.4B	29.2B	54.7	75.5	78.8	82.2	67.9	63.7	52.4	44.2B	24
25	37.3B	33.6B	30.3B	29.3B	55.5	76.3	79.0	83.2	68.4	61.6	52.0	44.0B	25
26	37.2B	33.5B	30.2B	29.5	54.3	76.3	78.5	83.5	67.7	60.9	51.9	43.9B	26
27	37.1B	33.4B	30.1B	29.3	55.1	78.6	78.8	84.4	65.2	60.7	51.4	43.7B	27
28	37.0B	33.3B	30.0B	29.7	54.5	79.3	78.3	83.3	61.0	60.5	51.1	43.4B	28
29	36.9B		29.9B	29.9	55.1	79.3	77.6	79.2	59.5	61.1	50.6	43.2B	29
30	36.8B		29.8B	29.9	54.0	78.4	78.4	79.9	66.7	66.0	50.1	42.9B	30
31	36.6B		29.7B		52.8		77.3	78.6		64.6		42.7B	31
TOTAL	1 204.2	975.9	972.6	872.0	1 401.0	2 003.1	2 404.8	2 467.1	2 193.7	1 955.7	1 648.2	1 428.8	TOTAL
MEAN	38.8	34.9	31.4	29.1	45.2	66.8	77.6	79.6	73.1	63.1	54.9	46.1	MEAN
MAX	41.9	36.5	33.1	29.9	55.5	79.3	82.3	84.4	82.0	67.1	61.2	49.8	MAX
MIN	36.6	33.3	29.7	28.6	29.9	54.2	73.1	73.2	59.5	60.5	50.1	42.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 53.5
MAXIMUM DAILY, 84.4 ON AUG 27
MINIMUM DAILY, 28.6B ON APR 10
MAXIMUM INSTANTANEOUS,
86.4 AT 18:26 EST ON SEP 4

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 46 00 N
LONG 89 33 00 W
DRAINAGE AREA, 4 350 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	104 000	JUL	208 000
FEB	84 300	AUG	213 000
MAR	84 000	SEP	190 000
APR	75 300	OCT	169 000
MAY	121 000	NOV	142 000
JUN	173 000	DEC	123 000

TOTAL DISCHARGE, 1 690 000 dam³

FISH CREEK NEAR PROSPECT HILL - STATION NO. 02GD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.600B	0.340B	0.253B	29.0	1.00	0.546	0.582	0.215	0.066	0.706	0.153	5.87	1
2	0.660B	0.345B	0.255B	12.5	0.951	0.547	0.400	0.259	0.440E	0.486	0.655	3.96	2
3	0.700B	0.350B	0.260B	13.2	0.878	0.522	0.318	0.338	1.30 E	0.365	3.33	3.33	3
4	2.00 B	0.345B	0.262B	6.86	0.812	0.466	0.311	0.163	0.450E	0.295	3.00	11.3	4
5	3.38 B	0.330B	0.262B	5.52	0.761	0.492	0.288	0.091	0.240E	0.250	2.23	9.74	5
6	3.16 B	0.320B	0.260B	5.01	0.712	0.647	0.249	0.070	0.160E	0.218	1.61	13.9	6
7	1.87 B	0.310B	0.260B	4.10	0.684	0.763	0.220	0.065	0.110E	0.202	1.15	7.95	7
8	1.20 B	0.300B	0.260B	3.89	0.664	0.673	0.202	0.086	0.090E	0.220	0.882	4.62	8
9	0.900B	0.300B	0.262B	5.40	0.625	0.576	0.176	0.099	0.080E	0.223	0.673	3.41	9
10	0.660B	0.305B	0.261B	5.60	0.573	0.527	0.160	0.072	0.060E	0.217	0.545	2.80	10
11	0.560B	0.310B	0.270B	4.30	0.551	0.468	0.148	0.060	0.060E	0.205	0.934	2.38	11
12	0.500B	0.320B	0.300B	4.63	0.532	0.375	0.156	0.059	0.050E	0.201	8.25	1.95	12
13	0.470B	0.340B	0.900B	7.62	0.510	0.329	0.136	0.059	0.045E	0.178	8.86	1.67	13
14	0.450B	0.350B	5.00 B	7.41	0.479	0.307	0.125	0.038	3.20 E	0.160	4.67	1.51	14
15	0.425B	0.345B	9.00 B	5.05	0.456	0.300	0.108	0.041	6.00 E	0.173	3.07	1.52	15
16	0.410B	0.343B	11.0 B	4.28	0.435	2.36	0.119	0.042	1.60 E	0.183	2.22	8.95	16
17	0.400B	0.290B	13.0 B	7.98	0.426	0.970	0.122	0.048	0.820E	0.212	1.84	7.53	17
18	0.390B	0.280B	12.5 B	6.18	0.400	0.556	0.289	0.050E	1.40 E	0.228	1.74	3.73	18
19	0.385B	0.270B	12.0 B	3.83	0.377	1.29	0.539	0.045E	0.980E	0.212	1.63	2.76	19
20	0.375B	0.260B	12.0 B	3.61	0.389	2.51	0.238	0.050E	0.540E	0.201	2.22	2.31	20
21	0.380B	0.258B	12.5 B	4.16	0.363	1.46	0.171	0.046E	0.340E	0.199	9.35	1.89	21
22	0.385B	0.255B	13.0 B	2.97	0.360	0.977	0.138	0.040E	0.280E	0.203	9.59	1.57	22
23	0.385B	0.253B	14.0 B	2.30	0.388	0.670	0.123	0.052E	2.30 E	0.203	5.67	1.73	23
24	0.380B	0.252B	14.5 B	1.98	0.393	0.493	0.111	0.060E	1.52 E	0.178	12.0	16.6	24
25	0.370B	0.250B	10.0 B	1.66	0.365	0.417	0.099	1.50 E	2.70 E	0.166	6.66	41.4	25
26	0.355B	0.250B	7.50 B	1.51	0.350	0.425	0.108	0.760E	1.60 E	0.162	3.73	28.4	26
27	0.350B	0.250B	5.30 B	1.50	0.341	0.387	0.093	0.250E	2.80 E	0.150	2.69	10.7	27
28	0.345B	0.252B	4.60 B	1.31	1.23	0.355	0.101	0.160E	1.60 E	0.140	2.38	9.74	28
29	0.340B		4.60 B	1.17	1.08	2.18	0.113	0.110E	1.11	0.130	2.08	7.67	29
30	0.340B		11.4	1.08	0.755	1.21	0.151	0.082E		0.138	9.91	4.38	30
31	0.340B		56.8		0.608		0.227	0.066		0.104		2.92	31
TOTAL	23.465	8.373	232.76B	165.39	18.466	23.788	6.261	5.875	36.369	6.958	119.722	225.89	TOTAL
MEAN	0.757	0.299	7.51	5.51	0.596	0.793	0.201	0.164	1.16	0.224	3.99	7.29	MEAN
MAX	3.38	0.350	56.8	29.0	1.23	2.51	0.582	1.50	6.00	0.706	12.0	41.4	MAX
MIN	0.340	0.250	0.253	1.08	0.341	0.387	0.093	0.038	0.045	0.138	0.153	1.51	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.38
MAXIMUM DAILY, 56.8 ON MAR 31
MINIMUM DAILY, 0.038 ON AUG 14
MAXIMUM INSTANTANEOUS,
69.0 AT 05:00 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 13 14 N
LONG 81 14 14 W
DRAINAGE AREA, 158 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 930	JUL	530
FEB	733	AUG	438
MAR	28 100	SEP	2 970
APR	14 300	OCT	681
MAY	1 660	NOV	10 300
JUN	2 060	DEC	19 500

TOTAL DISCHARGE, 75 300 dam³

FREDERICK HOUSE RIVER AT FREDERICK HOUSE LAKE DAM - STATION NO. 04MD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.1	76.5	69.9	8.50	0	3.23	2.83	14.2	0.566	46.7	96.8	13.1	1
2	17.7	75.9	68.0	8.50	3.68	3.23	2.83	14.2	0.566	46.7	71.6	13.1	2
3	17.7	74.5	68.0	8.50	38.2	2.01	2.12	14.2	0.566	46.7	48.4	13.1	3
4	19.1	73.3	65.7	8.50	82.1	0.170	2.12	13.1	0.991	46.7	47.6	13.1	4
5	16.1	73.3	68.5 E	8.50	87.2	0.170	2.83	13.1	0.991	46.7	47.6	13.1	5
6	16.1	73.3	71.1 E	8.50	98.0	0.170	2.83	13.1	0.991	40.8	47.6	13.6	6
7	16.1	71.9	73.9 E	8.50	99.1	0.566	2.83	13.1	0.991	42.8	47.6	13.6	7
8	16.1	71.9	76.5 E	8.50	102	0.566	2.83	13.1	0.991	42.8	47.6	13.6	8
9	16.1	71.9	79.3	8.50	104	0.566	2.12	13.1	1.56	40.8	37.7	13.6	9
10	16.1	71.9	70.8	8.50	81.6	0.566	2.12	13.1	1.56	42.8	12.2	14.1	10
11	16.1	70.8	66.5	8.50	51.5	0.991	2.83	12.0	1.56	42.8	12.2	14.1	11
12	16.1	70.8	62.6	8.50	51.5	0.991	3.40	12.0	1.56	42.8	12.2	14.1	12
13	16.1	69.4	58.6	8.50	51.5	0.991	3.68	12.0	1.56	42.8	12.2	13.6	13
14	16.1	69.4	54.7	8.50	34.8	0.991	3.68	12.0	5.13	42.8	12.2	14.1	14
15	14.7	69.4	47.0	8.50	27.2	0.991	5.52	12.0	12.3	42.8	12.2	14.1	15
16	14.7	69.4	43.3	8.50	27.2	0.991	5.52	12.0	13.1	42.8	12.2	14.1	16
17	14.7	69.4	39.6	8.50	27.2	1.56	44.5	5.66	13.1	42.8	12.2	14.1	17
18	14.7	69.4	36.0	12.7	14.6	1.56	84.4	0.991	13.1	46.7	12.2	14.1	18
19	14.7	68.0	29.2	10.8	1.30	1.56	84.4	1.25	14.2	44.7	12.4	14.1	19
20	14.7	68.0	26.0	0	1.10	1.56	84.4	0.991	14.2	46.7	12.4	14.1	20
21	14.7	68.0	22.8	0	1.53	1.56	84.4	0.991	15.5	86.9	12.4	14.1	21
22	13.2	66.5	19.8	0	1.78	1.56	82.7	0.991	18.2	161	12.4	14.1	22
23	13.2	66.5	14.2	0	2.04	1.56	60.0	0.991	19.5	229	12.5	14.1	23
24	13.2	66.5	11.6	0	2.35	1.56	37.4	0.991	39.4	227	12.5	14.1	24
25	13.2	73.9	11.6	0	2.63	2.12	37.4	0.991	50.4	208	12.5	14.1	25
26	13.2	81.0	9.20	0	2.63	2.12	36.0	0.566	50.4	175	12.5	14.1	26
27	13.2	81.0	9.20	0	2.63	2.12	36.0	0.991	50.4	149	13.1	14.1	27
28	39.4	81.0	9.20	0	2.63	2.83	34.5	0.991	48.4	96.8	13.1	14.1	28
29	90.3		8.50	0	2.94	2.83	23.1	0.991	48.4	96.8	13.1	32.6	29
30	85.8		8.50	0	2.94	2.83	15.5	0.566	48.4	96.8		59.7	30
31	83.0		8.50		2.63		15.5	0.566		96.8		59.7	31
TOTAL	715.2	2 012.8	1 308.30	168.00	1 006.51	44.520	810.29	224.818	488.583	2 498.3	744.3	539.3	TOTAL
MEAN	23.1	71.9	42.2	5.60	32.5	1.48	26.1	7.25	16.3	80.6	24.8	17.4	MEAN
MAX	90.3	81.0	79.3	12.7	104	3.23	84.4	14.2	50.4	229	96.8	59.7	MAX
MIN	13.2	66.5	8.50	0	0	0.170	2.12	0.566	0.566	40.8	12.2	13.1	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.9
MAXIMUM DAILY, 229 ON OCT 23
MINIMUM DAILY, 0 ON APR 20

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 33 N
LONG 81 00 53 W
DRAINAGE AREA, 2 870 km²

E - ESTIMATED
REGULATED SINCE 1938

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	61 800	JUL	70 000
FEB	174 000	AUG	19 400
MAR	113 000	SEP	42 200
APR	14 500	OCT	216 000
MAY	87 000	NOV	64 300
JUN	3 850	DEC	46 600

TOTAL DISCHARGE, 913 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

FREDERICK HOUSE RIVER AT NIGHTHAWK LAKE - STATION NO. 04MD003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	274.100	273.840	272.650	271.440	273.010	274.060	274.240	274.340	274.250	274.430	274.150	274.220	1
2	274.100	273.800	272.560	271.300	273.200	274.080	274.240	274.350	274.250	274.420	274.110	274.220	2
3	274.100	273.760	272.520	271.410	273.400	274.090	274.250	274.350	274.250	274.400	274.090	274.220	3
4	274.110	273.710	272.490	271.460	273.510	274.100	274.250	274.340	274.260	274.400	274.070	274.230	4
5	274.110	273.670	272.420	271.350	273.510	274.120	274.250	274.330	274.260	274.380	274.080	274.230	5
6	274.110	273.630	272.360	271.300	273.610	274.130	274.270	274.330	274.260	274.350	274.040	274.240	6
7	274.100	273.600	272.270	271.370	273.700	274.150	274.280	274.320	274.270	274.360	274.050	274.250	7
8	274.100	273.550	272.230	271.420	273.710	274.160	274.260	274.320	274.270	274.370	274.030	274.260	8
9	274.090	273.500	272.180	271.430	273.750	274.150	274.230	274.310	274.290	274.360	274.000	274.260	9
10	274.080	273.480	272.120	271.450	273.760	274.160	274.250	274.300	274.280	274.370	274.020	274.270	10
11	274.080	273.430	272.050	271.430	273.800	274.170	274.250	274.300	274.280	274.360	274.040	274.270	11
12	274.070	273.390	272.000	271.450	273.800	274.150	274.270	274.300	274.290	274.350	274.100	274.270	12
13	274.070	273.350	271.900	271.450	273.810	274.170	274.280	274.300	274.290	274.350	274.100	274.270	13
14	274.070	273.320	271.750	271.400	273.820	274.180	274.290	274.300	274.290	274.350	274.120	274.270	14
15	274.070	273.280	271.650	271.450	273.830	274.170	274.310	274.300	274.300	274.360	274.080	274.280	15
16	274.070	273.240	271.560	271.490	273.840	274.170	274.320	274.300	274.310	274.360	274.110	274.280	16
17	274.060	273.200	271.520	271.570	273.850	274.190	274.440	274.260	274.320	274.370	274.120	274.280	17
18	274.050	273.150	271.500	271.380	273.850	274.190	274.490	274.270	274.320	274.370	274.130	274.270	18
19	274.050	273.100	271.400	271.600	273.860	274.200	274.500	274.270	274.330	274.390	274.140	274.270	19
20	274.050	273.070	271.420	271.710	273.890	274.200	274.500	274.270	274.350	274.420	274.150	274.290	20
21	274.050	273.030	271.450	271.800	273.900	274.210	274.500	274.260	274.400	274.500	274.150	274.280	21
22	274.050	272.980	271.410E	271.770	273.950	274.210	274.490	274.260	274.460	274.520	274.180	274.280	22
23	274.050	272.950	271.370E	271.780	273.970	274.200	274.460	274.270	274.460	274.510	274.200	274.280	23
24	274.040	272.890	271.400	271.850	274.000	274.210	274.450	274.270	274.480	274.470	274.200	274.280	24
25	274.040	272.850	271.370	272.020	274.010	274.220	274.440	274.270	274.480	274.450	274.200	274.280	25
26	274.030	272.820	271.350	272.220	274.020	274.230	274.430	274.260	274.470	274.350	274.200	274.290	26
27	274.030	272.750	271.330	272.400	274.030	274.240	274.420	274.250	274.460	274.380	274.200	274.290	27
28	274.040	272.690	271.310	272.520	274.040	274.250	274.400	274.230	274.460	274.270	274.200	274.290	28
29	274.000		271.390	272.650	274.050	274.250	274.390	274.250	274.450	274.240	274.210	274.290	29
30	273.990		271.380	272.800	274.050	274.230	274.380	274.260	274.450	274.230	274.220	274.290	30
31	273.770		271.410		274.040		274.380	274.250		274.170		274.260	31
MEAN	274.053	273.287	271.797	271.689	273.793	274.175	274.352	274.290	274.342	274.375	274.123	274.266	MEAN
MAX	274.110	273.840	272.650	272.800	274.050	274.250	274.500	274.350	274.480	274.520	274.220	274.290	MAX
MIN	273.770	272.690	271.310	271.380	273.010	274.060	274.230	274.230	274.250	274.170	274.080	274.220	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 273.717
MAXIMUM DAILY, 274.520 ON OCT 22
MINIMUM DAILY, 271.380 ON APR 3

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 32 50 N
LONG 80 58 26 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED SINCE 1938

DRAINAGE AREA,
2 540 km²

WATER LEVELS ARE REFERRED TO TEMISKAMING AND NORTHERN ONTARIO RAILWAY DATUM
APPLY -0.503 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

FRENCH LAKE NEAR ATIKOKAN - STATION NO. 05PA010

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.169	30.217	30.201	30.232	30.786	30.746	30.495	30.765	30.428	30.313	30.569	30.661	1
2	30.178	30.217	30.195	30.227	30.809	30.730	30.507	30.736	30.419	30.333	30.553	30.664	2
3	30.185	30.216	30.192	30.257	30.810	30.711	30.508	30.711	30.421	30.321	30.566	30.669	3
4	30.177	30.201	30.192	30.275	30.809	30.688	30.520	30.692	30.420	30.309	30.596	30.673	4
5	30.180	30.199	30.196	30.269	30.845	30.658	30.545	30.687	30.414	30.348	30.602	30.656	5
6	30.194	30.203	30.185	30.270	30.858	30.648	31.072	30.677	30.402	30.358	30.597	30.667	6
7	30.191	30.202	30.201	30.270	30.870	30.631	31.698	30.644	30.375	30.342	30.588	30.654	7
8	30.184	30.204	30.192	30.268	30.872	30.631	31.871	30.663	30.384	30.345	30.588	30.651	8
9	30.196	30.199	30.182	30.264	30.849	30.616	31.834	30.651	30.382	30.391	30.580	30.641	9
10	30.196	30.201	30.192	30.275	30.846	30.650	31.720	30.617	30.384	30.441	30.582	30.628	10
11	30.197	30.205	30.188	30.278	30.860	30.650	31.640	30.609	30.379	30.451	30.588	30.625	11
12	30.206	30.204	30.207	30.276	30.861	30.629	31.554	30.591	30.364	30.479	30.592	30.614	12
13	30.196	30.197	30.215	30.281	30.868	30.613	31.439	30.573	30.360	30.499	30.597	30.606	13
14	30.190	30.203	30.217	30.276	30.890	30.616	31.354	30.562	30.370	30.530	30.576	30.596	14
15	30.190	30.197	30.216	30.276	30.891	30.603	31.301	30.568	30.368	30.546	30.579	30.583	15
16	30.187	30.197	30.214	30.291	30.894	30.596	31.236	30.565	30.361	30.567	30.573	30.580	16
17	30.177	30.197	30.222	30.289	30.914	30.585	31.195	30.544	30.353	30.574	30.564	30.577	17
18	30.184	30.199	30.231	30.284	30.933	30.570	31.158	30.533	30.351	30.568	30.565	30.575	18
19	30.175	30.202	30.219	30.285	30.949	30.565	31.108	30.523	30.353	30.568	30.564	30.550	19
20	30.182	30.191	30.215	30.288	30.966	30.564	31.058	30.523	30.357	30.562	30.594	30.561	20
21	30.188	30.200	30.219	30.291	30.961	30.559	31.018	30.521	30.347	30.567	30.673	30.551	21
22	30.186	30.189	30.222	30.311	30.943	30.553	31.015	30.507	30.344	30.568	30.681	30.568	22
23	30.204	30.190	30.219	30.323	30.933	30.544	30.981	30.497	30.331	30.570	30.690	30.555	23
24	30.212	30.183	30.237	30.384	30.920	30.534	30.937	30.489	30.338	30.569	30.691	30.551	24
25	30.213	30.189	30.234	30.455	30.863	30.526	30.919	30.481	30.334	30.561	30.693	30.547	25
26	30.218	30.187	30.229	30.558	30.847	30.539	30.894	30.476	30.320	30.563	30.693	30.535	26
27	30.214	30.183	30.223	30.633	30.821	30.525	30.862	30.474	30.322	30.553	30.679	30.543	27
28	30.218	30.185	30.226	30.690	30.822	30.524	30.829	30.470	30.322	30.554	30.677	30.552	28
29	30.225		30.223	30.726	30.797	30.504	30.830	30.466	30.311	30.564	30.669	30.543	29
30	30.232		30.220	30.760	30.774	30.491	30.804	30.436	30.299	30.575	30.660	30.522	30
31	30.216		30.232		30.740		30.788	30.449		30.570		30.527	31
MEAN	30.195	30.198	30.211	30.352	30.865	30.600	31.087	30.570	30.364	30.486	30.614	30.594	MEAN
MAX	30.232	30.217	30.234	30.760	30.966	30.746	31.871	30.765	30.424	30.575	30.693	30.673	MAX
MIN	30.169	30.183	30.182	30.227	30.740	30.491	30.495	30.436	30.299	30.309	30.553	30.522	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 30.514
MAXIMUM DAILY, 31.871 ON JUL 8
MINIMUM DAILY, 30.169 ON JAN 1
MAXIMUM INSTANTANEOUS,
31.881 AT 19:07 CST ON JUL 8

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 40 20 N
LONG 91 08 06 W

NATURAL FLOW

FRENCH RIVER AT CHAUDIERE DAM - STATION NO. 02DD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	116	97.0	29.7	29.1	67.6	8.51	8.43	8.36	8.28	21.3	141	148	1
2	116	95.7	29.6	34.8	59.0	8.62	8.32	8.37	8.26	21.2	140	148	2
3	116	95.6	25.6	46.1	49.9	8.61	8.34	8.34	8.36	21.2	141	148	3
4	116	95.1	21.7	47.5	50.0	8.41	8.34	8.27	8.30	21.2	140	148	4
5	114	95.1	21.7	48.6	50.3	8.40	8.40	8.43	8.28	21.1	139	149	5
6	115	94.0	21.7	56.0	50.5	8.40	8.83	8.30	8.43	27.2	138	152	6
7	113	92.9	21.7	63.1	50.5	8.48	8.86	8.26	8.37	33.8	138	153	7
8	112	92.7	21.7	63.5	50.5	8.55	8.82	8.27	8.32	39.9	137	153	8
9	112	92.2	21.8	63.7	50.7	8.55	8.83	8.37	8.15	49.7	137	153	9
10	113	91.5	21.8	58.0	50.7	8.65	8.54	8.36	8.28	49.3	136	152	10
11	111	91.4	25.6	51.2	50.7	8.64	8.58	8.32	8.26	49.4	136	152	11
12	110	90.5	29.4	47.5	50.7	8.61	8.55	8.34	8.31	49.7	136	152	12
13	109	90.1	29.4	43.6	50.4	8.60	8.58	8.31	8.31	75.1	136	151	13
14	108	90.0	29.8	44.8	50.1	8.72	8.62	8.28	8.50	107	136	153	14
15	108	88.8	31.0	46.4	50.0	8.68	8.78	8.30	8.31	131	136	152	15
16	107	83.0	32.3	47.4	49.9	8.62	8.71	8.30	8.11	158	143	152	16
17	107	76.9	32.5	53.6	49.6	8.54	8.71	8.30	8.19	160	150	152	17
18	106	67.9	32.4	66.4	49.4	8.48	8.74	8.28	8.24	162	149	151	18
19	105	60.1	32.5	88.8	49.3	8.55	8.68	8.18	8.23	162	149	150	19
20	104	59.7	32.4	121	60.4	8.46	8.72	8.18	8.23	144	148	149	20
21	104	59.7	32.5	129	72.2	8.46	8.44	8.18	8.24	128	148	148	21
22	103	59.4	32.4	126	71.8	8.44	8.44	8.18	8.23	136	148	147	22
23	102	59.4	32.3	117	63.6	8.60	8.60	8.18	14.0	144	148	147	23
24	101	59.4	30.2	95.6	28.5	8.62	8.54	8.26	21.0	143	148	148	24
25	101	43.0	28.0	80.7	8.78	8.60	8.57	8.24	21.0	142	148	148	25
26	100	30.6	28.1	82.6	8.78	8.57	8.54	8.26	21.0	143	148	149	26
27	99.8	29.6	28.1	84.3	8.74	8.54	8.48	8.32	21.1	143	148	150	27
28	99.3	29.4	28.2	67.2	8.72	8.48	8.48	8.28	21.0	142	147	150	28
29	98.3		28.3	66.7	8.65	8.51	8.47	8.26	21.2	142	149	153	29
30	98.3		28.4	67.7	8.40	8.55	8.41	8.13	21.2	141	149	154	30
31	97.8		28.9		8.44		8.39	8.24		141		155	31
TOTAL	3 322.5	2 710.7	869.7	2 035.9	1 336.81	256.56	265.70	256.65	343.65	3 049.1	4 287	4 667	TOTAL
MEAN	107	75.4	28.1	67.9	43.1	8.55	8.57	8.28	11.5	98.4	143	151	MEAN
MAX	116	97.0	32.5	129	72.2	8.72	8.86	8.43	21.2	162	150	155	MAX
MIN	97.8	29.4	21.7	29.1	8.40	8.40	8.32	8.13	8.11	21.1	136	147	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 62.5
MAXIMUM DAILY, 162 ON OCT 18
MINIMUM DAILY, 8.11 ON SEP 16

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 07 33 N
LONG 80 01 10 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	287 000	JUL	23 000
FEB	182 000	AUG	22 200
MAR	75 100	SEP	29 700
APR	176 000	OCT	263 000
MAY	116 000	NOV	370 000
JUN	22 200	DEC	403 000

REGULATED SINCE 1916

TOTAL DISCHARGE, 1 970 000 dam³

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD016, 02DD020, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

FRENCH RIVER AT DRY PINE BAY - STATION NO. 02DD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	249	198	117	152	323	50.0	33.1	28.4	26.1	37.9	283	310	1
2	247	196	114	169	315	48.3	32.7	28.2	26.0	39.1	283	311	2
3	246	195	112	186	304	46.7	32.8	27.9	29.3	40.0	285	319	3
4	246	195	109	208	292	44.9	32.7	27.6	30.1	40.9	285	327	4
5	248	194	107	224	283	43.1	32.2	27.5	30.1	41.0	285	333	5
6	246	194	105	234	277	41.4	31.8	27.4	30.6	41.5	284	346	6
7	243	193	103	239	274	40.0	31.7	27.3	30.3	46.3	283	354	7
8	240	192	102	241	274	38.5	31.7	27.4	29.9	52.5	280	356	8
9	238	190	102	240	274	37.7	31.6	28.6	29.3	58.8	278	354	9
10	235	188	101	237	271	37.2	31.6	28.3	28.8	65.5	275	350	10
11	233	187	102	234	268	36.4	31.7	28.0	28.5	70.7	272	346	11
12	231	185	103	230	266	35.6	31.4	27.9	28.2	75.0	270	341	12
13	229	183	109	240	264	35.0	31.9	27.7	27.9	78.5	290	339	13
14	227	180	112	259	261	34.2	32.0	27.4	29.3	86.1	297	337	14
15	225	178	114	272	258	34.1	31.9	27.2	29.3	100	299	335	15
16	224	176	116	279	257	34.4	31.7	27.0	29.0	122	298	332	16
17	221	173	118	298	256	34.1	31.4	26.5	29.1	151	298	329	17
18	219	168	119	324	253	33.9	31.1	26.4	29.8	181	302	325	18
19	217	163	121	337	252	34.1	31.1	26.4	30.1	211	305	323	19
20	214	156	122	347	251	34.4	30.8	26.4	30.1	236	308	319	20
21	213	152	122	365	250	34.0	30.4	26.2	29.7	252	313	316	21
22	210	148	122	384	228	34.4	30.2	26.7	29.5	261	318	313	22
23	211	146	122	390	192	34.8	30.0	27.4	29.2	272	319	311	23
24	211	144	123	388	157	34.7	29.7	27.3	29.8	286	319	316	24
25	209	142	124	378	127	34.7	29.3	26.9	30.6	293	319E	332	25
26	206	137	125	369	101	34.5	29.1	26.7	31.7	296	318E	363	26
27	204	128	125	362	83.1	34.1	28.9	26.5	32.9	257	318	384	27
28	203	121	124	356	70.7	33.9	28.9	26.1	34.2	295	315	396	28
29	201		124	345	62.5	33.6	28.8	25.8	35.6	292	313	406	29
30	200		125	332	56.3	33.2	28.7	25.5	36.3	289	311	406	30
31	198		134		51.5		28.6	25.1		285		399	31
TOTAL	6 944	4 802	3 578	8 619	6 852.1	1 115.9	959.3	839.7	903.3	4 890.3	8 932	10 628	TOTAL
MEAN	224	172	115	287	221	37.2	30.9	27.1	30.1	158	298	343	MEAN
MAX	249	198	134	390	323	50.0	33.1	28.6	36.3	297	319	406	MAX
MIN	198	121	101	152	51.5	33.2	28.6	25.1	26.1	37.9	272	310	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 162
MAXIMUM DAILY, 406 ON DEC 29
MINIMUM DAILY, 25.1 ON AUG 31
MAXIMUM INSTANTANEOUS,
408 AT 21:49 EST ON DEC 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 03 01 N
LONG 80 34 26 W
DRAINAGE AREA, 13 900 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	600 000	JUL	82 900
FEB	415 000	AUG	72 600
MAR	309 000	SEP	78 000
APR	745 000	OCT	423 000
MAY	592 000	NOV	772 000
JUN	96 400	DEC	918 000

TOTAL DISCHARGE, 5 100 000 dam³

FRENCH RIVER AT LAKE NIPISSING - STATION NO. 02DD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	238	190	108	118	247	29.7	30.7	29.2	25.1	40.6	270	[illegible]	1
2	239	191	106	124	236	29.5	30.5	28.9	25.9	40.9	267	283	2
3	235	193	102	143	227	30.1	30.6	28.5	27.5	40.8	268	287	3
4	233	192	98.4	158	225	29.7	30.6	28.6	26.7	41.0	266	287	4
5	233	191	99.2	162	227	29.6	30.6	28.6	26.5	41.0	265	289	5
6	229	188	99.6	171	230	29.7	30.9	28.3	26.9	47.1	262	296	6
7	226	186	99.0	179	235	29.7	31.1	28.0	26.9	53.8	262	298	7
8	225	186	98.8	179	236	30.0	32.1	28.2	26.7	61.8	260	301	8
9	220	184	99.0	175	234	30.0	31.8	28.2	26.4	71.5	259	303	9
10	221	183	99.2	170	232	30.0	30.5	28.1	26.3	71.4	257	298	10
11	221	181	103	165	234	30.1	30.5	28.0	26.2	71.7	256	297	11
12	220	179	107	163	236	30.4	30.6	27.8	26.3	72.1	256	299	12
13	217	176	106	163	235	30.5	30.8	27.6	26.3	97.7	257	298	13
14	217	173	107	156	236	30.6	30.7	27.5	26.8	130	257	298	14
15	216	171	109	149	237	30.5	31.3	27.5	26.9	164	257	297	15
16	213	165	111	145	234	30.7	31.2	27.5	26.5	205	269	296	16
17	212	157	111	149	229	30.6	31.2	27.6	26.6	222	282	295	17
18	210	148	111	165	232	30.5	30.8	27.5	26.6	247	281	294	18
19	207	135	112	220	231	30.6	30.7	27.1	27.0	255	281	292	19
20	207	141	111	288	240	30.8	30.7	27.1	27.0	237	280	290	20
21	205	139	112	296	220	30.8	30.2	26.1	26.9	259	280	288	21
22	204	139	112	288	109	30.6	30.1	25.7	26.9	269	281	285	22
23	203	138	112	275	84.9	31.1	30.5	26.2	32.6	289	280	293	23
24	201	138	110	271	68.9	30.8	29.9	25.9	39.6	238	281	309	24
25	200	121	108	270	29.1	30.9	30.0	25.8	39.8	285	281	318	25
26	199	109	108	265	29.0	30.8	30.0	25.7	39.9	284	281	322	26
27	197	108	108	270	29.3	31.0	29.7	25.7	40.2	279	281	324	27
28	196	108	108	242	29.2	31.0	29.6	25.6	40.0	273	278	325	28
29	193		109	241	29.2	31.0	29.9	25.4	40.4	272	281	324	29
30	194		109	248	28.8	30.9	29.4	25.2	40.5	269	280	321	30
31	191		111		28.9		29.2	25.3		270		324	31
TOTAL	6 622	4 514	3 304.2	6 000	5 339.3	912.2	946.4	842.4	897.9	5 248.4	8 116	9 310	TOTAL
MEAN	214	161	107	200	172	30.4	30.5	27.2	29.9	169	271	300	MEAN
MAX	239	193	112	296	247	31.1	32.1	29.2	40.5	289	282	325	MAX
MIN	191	108	98.4	118	28.8	29.5	29.2	25.2	25.1	40.6	256	279	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 143
MAXIMUM DAILY, 325 ON DEC 28
MINIMUM DAILY, 25.1 ON SEP 1

TYPE OF GAUGE -
LOCATION - LAT N
LONG W
DRAINAGE AREA, 12 300 km²

REGULATED SINCE 1916

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	572 000	JUL	81 800
FEB	390 000	AUG	72 600
MAR	285 000	SEP	77 600
APR	518 000	OCT	453 000
MAY	461 000	NOV	701 000
JUN	78 800	DEC	884 000

TOTAL DISCHARGE, 4 500 000 dam³

REMARKS - DISCHARGE OBTAINED BY TOTALLING DISCHARGES AT STATIONS 02DD016, 02DD017, 02DD020

FRENCH RIVER AT PORTAGE DAM - STATION NO. 02DD016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	86.6	70.8	61.6	65.8	118	3.26	3.15	3.30	3.17	3.21	64.4	72.2	1
2	89.1	72.5	60.4	68.8	114	3.17	3.12	3.30	3.61	3.21	64.3	76.5	2
3	86.3	75.6	60.2	77.2	114	3.17	3.19	3.30	4.11	3.21	64.5	80.6	3
4	85.1	75.0	60.8	86.6	110	3.17	3.17	3.30	3.17	3.26	63.0	80.3	4
5	88.6	74.8	61.4	89.5	112	3.12	3.17	3.30	3.17	3.26	62.6	80.0	5
6	83.7	72.8	61.7	90.1	114	3.12	3.12	3.30	3.17	3.26	62.2	81.7	6
7	83.0	72.1	61.2	91.1	118	3.12	3.17	3.30	3.19	3.26	62.4	82.7	7
8	83.7	72.2	61.0	90.3	119	3.12	3.26	3.30	3.17	3.26	62.0	84.2	8
9	79.1	71.5	61.1	86.7	116	3.12	3.19	3.30	3.17	3.21	61.8	85.6	9
10	79.0	71.6	61.3	86.9	114	3.17	3.17	3.26	3.17	3.26	61.1	83.7	10
11	81.2	69.7	61.4	88.0	116	3.10	3.17	3.26	3.17	3.26	60.5	82.9	11
12	81.8	69.3	61.0	88.9	118	3.12	3.26	3.26	3.17	3.26	60.8	83.2	12
13	79.9	66.2	60.5	92.9	118	3.19	3.30	3.26	3.17	3.26	61.2	83.5	13
14	79.9	64.3	60.8	81.8	119	3.15	3.28	3.26	3.21	3.26	61.2	81.4	14
15	80.1	63.6	61.5	72.2	120	3.12	3.38	3.23	3.17	12.8	61.2	81.4	15
16	78.7	63.2	61.7	66.8	119	3.19	3.35	3.21	3.17	26.7	66.3	81.2	16
17	77.1	62.1	62.1	63.6	115	3.17	3.35	3.21	3.17	41.4	72.3	81.2	17
18	77.1	62.1	61.8	67.3	118	3.17	3.38	3.19	3.17	64.7	72.2	80.7	18
19	75.0	61.6	62.2	97.3	117	3.19	3.30	3.17	3.17	73.3	72.5	80.9	19
20	76.1	63.9	61.9	122	116	3.17	3.33	3.17	3.15	73.1	72.9	80.1	20
21	75.3	62.4	62.3	118	115	3.17	3.30	3.17	3.17	73.0	73.3	79.6	21
22	75.7	62.0	62.5	109	15.3	3.17	3.30	3.17	3.17	73.0	74.2	79.2	22
23	75.6	61.7	62.7	108	3.04	3.15	3.35	3.19	3.17	76.9	73.4	87.0	23
24	74.7	61.6	62.8	124	3.01	3.12	3.30	3.17	3.19	77.2	73.3	102	24
25	74.3	61.6	62.6	135	3.15	3.17	3.35	3.17	3.17	75.3	73.5	110	25
26	74.7	61.8	62.4	128	3.19	3.17	3.33	3.17	3.19	73.9	73.8	111	26
27	73.6	62.1	62.6	129	3.19	3.17	3.30	3.17	3.21	68.9	74.1	111	27
28	73.3	61.8	62.7	118	3.26	3.17	3.40	3.17	3.17	64.7	73.0	112	28
29	72.3		63.0	115	3.17	3.17	3.35	3.17	3.17	64.1	73.3	107	29
30	72.7		63.3	119	3.21	3.17	3.30	3.17	3.21	62.9	72.5	103	30
31	70.9		64.4		3.26		3.30	3.17		65.1		104	31
TOTAL	2 444.2	1 869.9	1 916.9	2 876.8	2 483.78	94.74	101.39	100.07	96.64	1 112.44	2 023.8	2 729.8	TOTAL
MEAN	78.8	66.8	61.8	95.9	80.1	3.16	3.27	3.23	3.22	35.9	67.5	88.1	MEAN
MAX	89.1	75.6	64.4	135	120	3.26	3.40	3.30	4.11	77.2	74.2	112	MAX
MIN	70.9	61.6	60.2	63.6	3.01	3.10	3.12	3.17	3.15	3.21	60.5	72.2	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.9
MAXIMUM DAILY, 135 ON APR 25
MINIMUM DAILY, 3.01 ON MAY 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 07 22 N
LONG 80 00 49 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	211 000	JUL	8 760
FEB	162 000	AUG	8 650
MAR	166 000	SEP	8 350
APR	249 000	OCT	96 100
MAY	215 000	NOV	175 000
JUN	8 190	DEC	236 000

REGULATED SINCE 1949

TOTAL DISCHARGE, 1 540 000 dam³

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD017 AND 02DD020, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

GANARASKA RIVER ABOVE DALE - STATION NO. 02HD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.00B	1.60B	1.45B	30.8	3.30	2.63	2.16	1.82	1.86	2.11	2.23	3.25	1
2	4.60B	1.80B	1.40B	9.81	2.92	2.50	2.12	1.93	2.12	2.54	3.84	3.04	2
3	4.40B	1.70B	1.40B	34.1	2.79	2.27	2.03	1.91	2.13	2.30	5.36	3.31	3
4	6.80B	1.60B	1.85B	18.2	2.71	2.20	2.61	1.86	1.97	1.99	8.43	4.46	4
5	7.50B	1.55B	1.75B	5.60B	2.64	2.35	1.97	1.89	1.80	1.97	5.52	3.74	5
6	4.40B	1.50B	1.65B	4.39B	2.66	5.50	1.88	1.81	1.82	1.98	3.49	5.79	6
7	3.42B	1.45B	1.55B	3.73B	2.62	3.84	1.88	1.81	1.77	2.15	2.98	3.87	7
8	2.90B	1.45B	1.50B	4.22B	3.53	2.83	1.94	1.76	1.77	3.14	2.77	3.25	8
9	2.60B	1.40B	1.45B	4.35B	3.70	2.40	1.81	1.84	1.75	2.30	2.51	2.87	9
10	2.40B	1.40B	1.45B	5.67	2.92	2.98	1.81	1.73	1.74	2.19	2.46	2.52B	10
11	2.30B	1.35B	1.40B	6.26	2.61	6.82	1.78	1.71	1.77	3.03	2.52	2.47B	11
12	2.20B	1.35B	3.80B	5.70	2.41	3.07	1.91	1.68	1.78	2.87	3.31	2.43B	12
13	2.10B	1.35M	6.50B	8.95	2.46	2.75	1.72	1.69	1.74	2.38	3.41	2.40B	13
14	2.07B	1.40B	15.0 B	7.92	2.38	2.76	1.64	1.72	1.79	2.26	2.78	2.50B	14
15	2.00B	1.60B	22.0 B	6.70	2.35	2.58	1.66	1.66	2.02	2.71	2.61	2.60B	15
16	1.95B	1.90B	20.0 B	7.01	2.26	5.54	1.67	1.62	1.83	2.45	2.43	5.64	16
17	1.90B	1.75B	18.0 B	10.8	2.20	3.24	1.77	1.66	1.83	2.35	2.44	4.50B	17
18	1.85B	1.90B	16.5 B	9.66	2.17	2.56	2.43	1.58	2.58	2.36	2.38	3.40B	18
19	1.90B	2.10B	14.0 B	5.53	2.39	2.86	5.98	1.61	2.29	2.22	2.47	2.80B	19
20	1.90B	2.20B	10.0 B	9.84	5.31	3.42	2.52	1.72	2.00	2.26	2.40	2.65B	20
21	1.95B	2.30B	8.60B	12.3	2.96	3.03	2.08	1.63	2.05	2.46	4.45	2.60B	21
22	1.95B	2.30B	8.50B	5.28	2.65	3.40	1.95	1.66	2.16	2.22	4.59	2.55B	22
23	2.10B	2.20B	9.92	4.51	2.75	2.83	1.85	1.98	2.59	2.23	3.44	2.54B	23
24	2.00B	2.00B	9.92	4.44	3.09	2.39	1.76	1.88	2.41	2.09	5.28	3.96B	24
25	1.85B	1.80B	9.55	4.18	2.96	2.32	1.76	3.41	2.72	2.11	3.54	8.20B	25
26	1.75B	1.67B	8.66	4.03	2.72	3.99	1.73	2.55	2.31	2.12	3.10	7.06	26
27	1.70B	1.55B	4.65B	3.34	2.43	2.89	1.71	1.96	3.05	2.10	2.84	4.90	27
28	1.60B	1.50B	3.73B	3.49	3.70	2.52	2.78	1.91	3.37	2.07	2.66	5.95	28
29	1.55B		4.99B	3.46	3.71	2.76	2.30	1.86	2.46	2.15	3.71	4.80B	29
30	1.50B		6.12	3.15	2.91	2.58	1.97	1.86	2.27	2.14	3.75	3.30B	30
31	1.50B		31.7		2.83		1.91	1.88		2.09		3.10B	31
TOTAL	82.64	47.67	248.99	247.42	89.06	93.81	64.49	57.59	63.75	71.34	103.70	115.68	TOTAL
MEAN	2.67	1.70	8.03	8.25	2.87	3.13	2.08	1.86	2.13	2.30	3.46	3.73	MEAN
MAX	7.50	2.30	31.7	34.1	5.31	6.82	5.98	3.41	3.37	3.14	8.43	8.20	MAX
MIN	1.50	1.35	1.40	3.15	2.17	2.20	1.64	1.58	1.74	1.97	2.23	2.40	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.52
MAXIMUM DAILY, 34.1 ON APR 3
MINIMUM DAILY, 1.35B ON FEB 11
MAXIMUM INSTANTANEOUS,
69.9 AT 21:29 EST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 59 26 N
LONG 78 19 43 W

DRAINAGE AREA, 232 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 140	JUL	5 570
FEB	4 120	AUG	4 980
MAR	21 500	SEP	5 510
APR	21 400	OCT	6 160
MAY	7 690	NOV	8 960
JUN	8 110	DEC	9 990

TOTAL DISCHARGE, 111 000 dam³

GANARASKA RIVER NEAR OSACA - STATION NO. 02HD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.30 B	0.480B	0.380B	7.00E	1.09	1.00	0.882	0.753	0.741	0.794	0.873	1.09	1
2	1.10 B	0.500B	0.370B	3.60E	1.07	0.961	0.851	0.752	0.887	0.789	1.45	1.05	2
3	1.30 B	0.495B	0.360B	20.0 E	1.03	0.881	0.837	0.752	0.873	0.757	2.01	1.13	3
4	1.90 B	0.490B	0.420B	4.80E	1.02	0.876	0.848	0.708	0.775	0.765	3.00	1.47	4
5	1.70 B	0.480B	0.400B	1.50E	1.01	0.995	0.837	0.727	0.727	0.759	1.63	1.24	5
6	1.50 B	0.470B	0.390B	1.30B	1.01	2.48	0.804	0.708	0.723	0.750	1.12	1.94	6
7	1.10 B	0.460B	0.380B	1.25B	1.02	1.38	0.772	0.696	0.713	0.917	1.03	1.21	7
8	0.900B	0.450B	0.370B	1.40B	1.44	1.08	0.765	0.708	0.702	1.29	0.975	1.09	8
9	0.850B	0.440B	0.365B	1.72	1.32	0.955	0.752	0.716	0.682	0.890	0.938	1.05 B	9
10	0.760B	0.430B	0.360B	2.23	1.06	2.22	0.727	0.663	0.692	0.821	0.921	1.02 B	10
11	0.720B	0.420B	0.520B	2.29	0.980	2.95	0.776	0.670	0.691	1.27	0.954	1.00 B	11
12	0.680B	0.410B	0.880B	2.13	0.978	1.26	0.817	0.630	0.676	1.07	1.26	0.970B	12
13	0.650B	0.400B	1.50 B	3.42	0.960	1.15	0.713	0.691	0.663	0.917	1.11	0.960B	13
14	0.630B	0.390B	2.70 B	2.75	0.907	1.17	0.701	0.656	0.716	0.908	0.990	1.00 B	14
15	0.620B	0.410B	2.46 B	2.43	0.906	1.18	0.697	0.647	0.845	1.09	0.971	1.05 B	15
16	0.610B	0.420B	2.06	2.66	0.892	2.31	0.676	0.601	0.752	0.958	0.932	2.24 B	16
17	0.605B	0.450B	1.68	3.55	0.870	1.22	0.837	0.628	0.726	0.879	0.925	1.33 B	17
18	0.600B	0.460B	1.56	2.60	0.864	1.09	1.43	0.608	1.18	0.846	0.901	1.24 B	18
19	0.595B	0.480B	1.48	1.75	1.19	1.32	2.83	0.602	0.848	0.851	0.903	1.12 B	19
20	0.584B	0.500B	1.63	3.30	2.08	1.35	0.955	0.647	0.785	0.888	0.941	1.02 B	20
21	0.580B	0.510B	1.83	3.59	1.10	1.21	0.797	0.625	0.768	0.944	1.87	0.960B	21
22	0.600B	0.500B	1.88	1.71	1.03	1.22	0.750	0.654	0.827	0.805	1.44	0.930B	22
23	0.650B	0.490B	2.12	1.59	1.14	1.07	0.725	0.783	1.03	0.806	1.15	0.940B	23
24	0.620B	0.440B	2.27	1.68	1.22	0.963	0.693	0.698	0.924	0.794	1.71	1.44 B	24
25	0.590B	0.420B	2.41	1.56	1.11	0.980	0.688	1.57	1.06	0.802	1.15	2.55 B	25
26	0.570B	0.410B	1.96 B	1.41	1.05	1.58	0.641	0.929	0.911	0.795	1.04	1.97	26
27	0.560B	0.400B	1.40 B	1.33	0.983	1.11	0.697	0.747	1.36	0.803	0.971	1.24	27
28	0.550B	0.390B	1.25 B	1.23	1.27	1.09	1.28	0.731	1.33	0.788	0.953	2.04	28
29	0.530B		1.60 B	1.15	1.18	1.13	0.930	0.716	0.916	0.804	1.32	1.57	29
30	0.505B		1.74	1.12	1.07	0.984	0.778	0.724	0.826	0.796	1.21	1.15 B	30
31	0.490B		10.5 E		1.02		0.748	0.754		0.787		1.03 B	31
TOTAL	24.949	12.601	49.225	88.00	33.870	39.145	27.234	22.495	25.349	27.133	36.648	40.040	TOTAL
MEAN	0.805	0.450	1.59	2.93	1.09	1.30	0.879	0.726	0.845	0.875	1.22	1.29	MEAN
MAX	1.90	0.510	10.5	20.0	2.08	2.95	2.83	1.57	1.36	1.29	3.00	2.55	MAX
MIN	0.490	0.390	0.360	1.12	0.864	0.876	0.641	0.601	0.663	0.750	0.873	0.930	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 20.0E ON APR 3
MINIMUM DAILY, 0.360B ON MAR 3

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 00 56 N
LONG 78 26 17 W
DRAINAGE AREA, 67.3 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 160	JUL	2 350
FEB	1 090	AUG	1 940
MAR	4 250	SEP	2 190
APR	7 600	OCT	2 340
MAY	2 930	NOV	3 170
JUN	3 380	DEC	3 460

TOTAL DISCHARGE, 36 900 dam³

GOULAIS RIVER NEAR SEARCHMONT - STATION NO. 02BF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.90B	3.38B	2.89B	8.40B	169	13.5	4.18	2.88	7.00	9.36	22.3	16.5	1
2	4.80B	3.35B	2.89B	9.60B	182	13.5	3.93	2.82	15.9	8.87	20.0	16.5	2
3	4.78B	3.32B	2.88B	10.7 B	172	12.9	3.67	3.29	18.6	9.08	20.2	19.0	3
4	4.76B	3.29B	2.87B	12.0 B	160	12.1	3.43	3.79	15.6	8.87	20.6	20.3	4
5	4.70B	3.27B	2.87B	13.2 B	149	11.3	3.19	3.37	13.1	8.47	20.4	19.8	5
6	4.65B	3.23B	2.87B	15.0 B	143	10.6	3.07	3.01	12.2	9.19	19.6	27.5	6
7	4.58B	3.21B	2.88B	14.8 B	132	10.1	3.41	2.84	10.9	15.5	18.7	28.2	7
8	4.50B	3.19B	2.89B	14.0 B	113	9.88	3.17	3.10	9.79	23.8	18.4	25.5	8
9	4.45B	3.17B	2.89B	13.2 B	94.5	9.05	2.98	3.22	8.75	25.9	18.0	22.7	9
10	4.38B	3.15B	2.90B	12.5 B	82.4	8.78	2.81	2.97	7.97	25.3	17.1	20.3B	10
11	4.33B	3.13B	2.92B	11.7 B	77.4	8.36	4.13	2.67	7.22	25.5	17.8	18.6B	11
12	4.25B	3.11B	3.03B	11.2 B	69.8	7.74	6.60	2.61	6.68	27.2	21.6	17.3B	12
13	4.20B	3.09B	3.40B	11.0 B	61.1	7.34	6.28	2.22	6.68	28.5	43.7	16.3B	13
14	4.10B	3.07B	4.20B	11.1 B	53.8	6.99	5.49	2.09	9.13	30.4	38.3	15.3B	14
15	4.05B	3.04B	5.40B	11.3 B	47.2	7.19	5.21	2.03	10.3	35.3	34.6	14.7B	15
16	4.00B	3.02B	5.80B	12.0 B	41.8	7.30	5.98	1.91	11.1	31.8	31.5	13.9B	16
17	3.95B	3.01B	5.95B	14.8 B	37.6	6.99	7.65	1.76	11.0	27.9	28.8	13.3B	17
18	3.90B	3.00B	6.05B	17.5 B	34.2	6.97	7.45	1.64	12.7	25.3	26.7	13.0B	18
19	3.85B	3.00B	5.80B	23.0 B	31.4	7.04	6.81	1.95	12.5	23.3	25.2	13.4B	19
20	3.81B	2.99B	5.50B	37.0 B	28.8	7.05	6.28	1.93	15.8	51.3	30.4	14.9B	20
21	3.75B	2.97B	5.30B	30.0 B	26.1	6.90	5.70	1.82	15.6	85.6	36.0	14.2B	21
22	3.70B	2.96B	5.20B	27.0 B	23.9	7.26	5.18	2.60	14.5	71.8	33.2	13.5B	22
23	3.67B	2.95B	5.10B	28.0 B	21.7	8.58	4.70	3.08	13.4	61.6	29.8	13.2B	23
24	3.64B	2.94B	5.10B	42.0 B	19.9	7.58	4.27	2.82	12.6	54.4	26.3	14.8B	24
25	3.60B	2.93B	5.10B	89.5	18.3	7.11	3.96	2.48	12.6	47.5	24.4	16.5B	25
26	3.57B	2.91B	5.00B	151	16.8	6.48	3.61	2.22	12.1	41.1	22.0	20.0B	26
27	3.53B	2.90B	4.95B	148	15.4	5.87	3.40	3.26	11.5	35.3	20.6	22.2B	27
28	3.50B	2.90B	4.90B	139	14.5	5.38	3.50	3.29	10.9	31.2	20.0	23.5B	28
29	3.47B		4.80B	138	14.1	4.93	3.22	2.70	10.3	28.6	18.4	26.0B	29
30	3.44B		4.70B	151	13.7	4.52	3.03	2.50	9.74	26.6	17.1	27.0B	30
31	3.40B		6.60B		13.0		2.98	2.32		24.3		26.7B	31
TOTAL	126.21	86.48	133.63	1 227.50	2 077.4	289.29	139.15	80.99	346.16	958.89	752.5	584.6	TOTAL
MEAN	4.07	3.09	4.31	40.9	67.0	8.31	4.49	2.61	11.5	30.9	25.1	18.9	MEAN
MAX	4.90	3.38	6.60	151	182	13.5	7.65	3.79	18.6	85.6	43.7	28.2	MAX
MIN	3.40	2.90	2.87	8.40	13.0	4.52	2.81	1.64	6.68	8.47	17.1	13.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.5
MAXIMUM DAILY, 182 ON MAY 2
MINIMUM DAILY, 1.64 ON AUG 18
MAXIMUM INSTANTANEOUS,
194 AT 01:07 EST ON MAY 2

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 51 37 N
LONG 83 58 18 W
DRAINAGE AREA, 1 160 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 900	JUL	12 000
FEB	7 470	AUG	7 000
MAR	11 500	SEP	29 900
APR	106 000	OCT	82 800
MAY	179 000	NOV	65 000
JUN	21 500	DEC	50 500

TOTAL DISCHARGE, 584 000 dam³

GRAND RIVER AT BRANTFORD - STATION NO. 02GB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.1B	21.0B	17.3B	940	46.3	62.7	52.8	24.9	29.9	60.0	30.5	201	1
2	31.0B	20.4B	17.2B	698	43.4	59.0	45.6	24.8	33.3	52.3	40.9	164	2
3	30.0B	20.0B	17.2B	513	39.9	51.7	38.0	26.3	42.1	47.6	67.7	146	3
4	34.9B	19.6B	17.1B	540	36.3	45.9	33.4	58.6	36.3	43.7	107	167	4
5	56.0B	19.3B	17.0B	348	35.1	44.9	30.9	94.4	34.7	41.4	183	293	5
6	41.5B	19.0B	17.0B	245	33.3	43.7	28.9	62.0	33.8	39.6	89.7	299	6
7	32.4B	18.9B	17.0B	196	34.7	71.5	26.9	46.1	31.4	88.3	72.2	212	7
8	26.2B	18.8B	17.0B	157	42.3	67.8	25.2	38.1	30.3	65.9	60.5	229	8
9	22.7B	18.5B	17.0B	138	42.2	57.7	25.3	30.8	28.2	62.6	55.7	176	9
10	21.0B	18.3B	20.9B	147	38.9	49.6	25.7	34.1	28.1	61.0	51.0	145	10
11	21.3B	18.1B	24.7B	147	37.5	42.9	24.8	30.1	27.4	63.0	50.6	129	11
12	20.7B	18.0B	32.5B	143	36.0	39.0	24.9	27.9	26.5	63.1	66.4	119	12
13	20.5B	18.0B	50.9B	157	34.9	36.4	24.4	26.3	25.8	61.7	127	106	13
14	24.6B	18.0B	87.0B	210	34.4	37.5	22.9	25.6	25.6	59.6	137	107	14
15	27.0B	18.0B	104 B	251	33.5	34.7	22.0	24.5	54.8	39.8	95.9	101	15
16	24.5B	18.9B	130 B	260	32.9	43.0	22.8	22.8	44.0	37.3	78.8	113	16
17	24.0B	20.0B	165 B	307	31.5	41.1	22.5	23.0	35.8	38.3	67.9	135	17
18	23.5B	18.7B	161 B	495 E	32.0	40.3	38.1	22.0	37.4	37.8	62.0	117	18
19	23.0B	18.2B	156	302 E	32.3	45.0	40.6	22.3	41.0	37.4	63.1	106	19
20	22.5B	17.9B	149	225	48.0	55.0	36.8	25.7	36.5	37.1	70.1	92.5	20
21	22.0B	17.6B	159	214	43.0	69.9	36.3	24.4	35.3	36.7	90.9	82.9	21
22	22.5B	17.4B	167	198	37.8	86.5	30.4	22.8	34.8	33.9	192	74.8	22
23	24.3B	18.1B	181	147	38.0	80.8	26.2	22.9	47.7	32.0	176	70.7	23
24	24.0B	18.0B	222	105	36.5	69.0	22.3	25.2	54.2	30.4	164	84.5	24
25	23.6B	17.9B	269	77.5	35.5	57.2	21.1	75.5	61.4	29.6	189	214 A	25
26	22.5B	17.7B	262	69.9	34.5	50.6	20.3	74.9	74.1	28.9	152	300 E	26
27	21.9B	17.5B	205	62.8	35.1	43.4	20.4	67.6	83.0	28.5	129	350 E	27
28	24.0B	17.4B	162	56.1	74.4	40.0	26.4	49.9	90.9	29.1	114	270 E	28
29	22.6B		146	52.6	106	56.3	30.1	39.8	94.0	28.9	121	227 A	29
30	22.2B		163	49.3	88.1	68.8	24.7	34.6	75.1	29.2	168	194	30
31	21.5B		505		72.6		25.2	32.5		28.9		148	31
TOTAL	813.3	519.2	3 677.8	7 439.2	1 347.3	1 611.9	893.7	1 167.6	1 332.6	1 185.2	2 992.1	5 183.4	TOTAL
MEAN	26.2	18.5	119	248	43.5	53.7	28.8	37.7	44.4	38.2	99.7	167	MEAN
MAX	56.0	21.0	505	940	106	86.5	52.8	94.4	94.0	60.0	192	350	MAX
MIN	20.5	17.4	17.0	49.3	31.9	34.7	20.3	22.0	25.6	28.5	30.5	78.7	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 77.2
MAXIMUM DAILY, 940 ON APR 1
MINIMUM DAILY, 17.0B ON MAR 5
MAXIMUM INSTANTANEOUS,
1 030 AT 10:47 EST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 56 N
LONG 80 16 01 W
DRAINAGE AREA, 5 210 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1942

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	70 300	JUL	77 200
FEB	44 900	AUG	101 000
MAR	318 000	SEP	115 000
APR	643 000	OCT	102 000
MAY	116 000	NOV	259 000
JUN	139 000	DEC	448 000

TOTAL DISCHARGE, 2 430 000 dam³

GRAND RIVER AT GALT - STATION NO. 02GA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.2B	12.6B	10.4B	478	27.0	32.0	27.4	17.1	19.2	31.7	20.9	128	1
2	21.1B	12.4B	10.3B	245	24.8	30.6	23.8	17.8	24.1	29.3	29.4	112	2
3	20.0B	12.2B	10.3B	349	22.5	26.8	19.5	18.4	24.5	27.4	60.8	118	3
4	23.3B	12.0B	10.3B	337	21.0	23.8	17.6	84.5	21.2	26.2	64.8	140	4
5	34.0B	11.8B	10.3B	204	20.0	24.6	16.9	53.6	20.7	25.5	58.1	144	5
6	27.0B	11.7B	10.3B	151	26.1	32.3	16.2	29.6	20.3	24.8	47.6	231	6
7	22.4B	11.6B	10.3B	125	21.1	34.2	15.5	23.9	20.3	27.6	37.8	178	7
8	19.7B	11.5B	10.3B	92.5	25.3	31.1	14.9	22.4	19.7	30.2	33.9	141	8
9	15.5B	11.4B	10.3B	89.2	23.5	26.0	16.7	22.8	19.5	27.0	32.0	125	9
10	13.8B	11.3B	11.8B	92.4	22.6	22.2	16.0	21.7	19.2	25.8	29.1	118	10
11	13.8B	11.2B	13.6B	88.9	22.1	20.2	16.1	19.7	18.8	28.5	32.3	109	11
12	13.7B	11.1B	16.0B	93.9	21.4	19.1	16.8	18.8	18.4	27.3	52.4	103	12
13	13.4B	11.0B	24.0B	111	21.1	19.0	15.9	18.3	18.9	26.1	83.7	98.1	13
14	16.2B	10.9B	37.1B	128	20.6	18.7	15.6	17.8	19.7	25.4	61.2	96.0	14
15	18.3B	11.6B	43.0B	182	20.0	17.9	15.5	17.2	51.9	24.5	49.3	98.1	15
16	17.3B	12.3B	58.3	186	19.5	23.1	16.3	16.9	28.3	24.7	42.8	105	16
17	16.4B	11.6B	59.0B	253	19.2	21.6	21.0	16.7	23.6	25.2	39.6	100	17
18	15.6B	11.4B	57.0B	354	19.1	21.6	27.4	16.3	28.2	24.9	37.0	86.4	18
19	15.3B	11.0B	58.0B	211	19.9	30.0	28.9	16.7	28.0	24.5	44.0	81.0	19
20	15.0B	10.8B	60.0B	150	22.9	37.5	21.6	19.5	26.5	24.6	49.1	73.5	20
21	14.9B	10.6B	63.0B	147	20.7	45.9	19.8	16.7	22.9	23.2	82.8	67.2	21
22	15.0B	10.5B	66.0B	126	19.8	54.1	17.6	16.3	23.3	20.3	120	62.4	22
23	15.6B	10.4B	72.0B	96.0	20.2	48.6	15.3	17.6	36.7	19.5	83.7	60.7	23
24	16.5B	11.3B	83.0B	60.3	19.4	42.9	15.1	18.4	36.5	19.1	109	58.2	24
25	15.3B	11.0B	120 B	47.8	19.2	38.7	16.6	51.9	42.3	19.1	100	205	25
26	14.4B	10.8B	92.0B	43.1	18.9	38.1	18.5	40.0	48.7	18.9	99.4	265	26
27	13.7B	10.7B	88.0B	37.9	19.4	35.5	16.6	27.9	47.1	19.4	98.1	161	27
28	15.0B	10.5B	87.0B	33.8	49.4	33.0	21.6	23.4	54.8	19.2	93.5	139	28
29	14.2B		86.0B	30.8	55.0	45.2	18.9	20.7	45.6	19.5	106	137	29
30	13.4B		84.0B	28.8	41.2	38.1	16.7	20.0	36.7	19.4	135	115	30
31	13.0B		407		33.7		17.4	19.7		19.0		102	31
TOTAL	535.0	317.2	1 778.6	4 572.4	751.4	901.2	564.7	763.3	863.1	767.6	1 933.3	3 775.6	TOTAL
MEAN	17.3	11.3	57.4	152	24.2	30.0	18.2	24.6	28.8	24.1	64.4	122	MEAN
MAX	34.0	12.6	407	478	55.8	54.1	28.9	84.5	54.8	31.7	135	265	MAX
MIN	13.0	10.4	10.3	28.8	18.9	17.9	15.5	16.3	18.4	18.9	20.9	60.7	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.0
MAXIMUM DAILY, 478 ON APR 1
MINIMUM DAILY, 10.3B ON MAR 2
MAXIMUM INSTANTANEOUS,
672 AT 03:57 EST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 21 10 N
LONG 80 19 01 W
DRAINAGE AREA, 3 530 km²
B - ICE CONDITIONS
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	66 200	JUL	48 880
FEB	27 400	AUG	65 900
MAR	154 000	SEP	74 600
APR	395 000	OCT	64 600
MAY	64 900	NOV	167 000
JUN	77 900	DEC	326 000

TOTAL DISCHARGE, 1 518 000 dam³

GRAND RIVER AT WEST MONTROSE - STATION NO. 02GA034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.50B	5.10B	2.65B	137	11.5 E	8.31	5.35E	8.94	9.75	8.62	5.25	45.0	1
2	6.40B	4.90B	2.60B	84.3	6.80E	7.90	5.21E	9.29	9.05	7.99	16.2	42.1	2
3	8.60B	4.70B	2.62B	118	6.10E	7.27	5.21E	8.73	9.05	7.67	23.6	59.1	3
4	13.5 B	4.50B	2.65B	97.9	6.05E	6.98	5.03E	11.2	7.40	7.33	19.6	55.5	4
5	20.0 B	3.90B	2.65B	79.0B	4.75E	7.34	4.95E	10.1	8.20	7.08	18.3	62.2	5
6	15.0 B	3.40B	2.60B	75.9B	5.40E	8.85	4.95E	10.9	8.26	6.92	13.5	104	6
7	11.0 B	3.25B	2.60B	57.9B	5.20E	7.84	5.03	9.56	8.16	7.16	11.8	70.9	7
8	8.80B	3.15B	2.60B	37.0B	5.19E	5.16	6.13	9.69	8.08	7.65	11.4	58.8	8
9	8.20B	3.10B	2.60B	38.8B	5.17E	4.57	6.32	11.2	8.04	7.16	18.3	53.6	9
10	7.50B	3.05B	2.60B	42.4	5.19E	4.46	6.23	10.3	7.95	6.98	8.58	50.2	10
11	7.40B	3.02B	2.65B	44.0	5.20E	5.38	6.62	10.0	7.77	7.06	18.6	51.1	11
12	7.20B	3.00B	2.85B	49.0	5.39E	5.07	6.56	9.86	7.69	7.02	23.3	47.8	12
13	7.10B	2.95B	3.20B	51.7	5.75A	5.05	6.35	9.83	7.60	6.72	30.6	45.3	13
14	6.90B	2.85B	3.50B	62.1	5.50E	5.02	6.35	9.79	9.30	6.70	21.1	43.3	14
15	6.80B	2.90B	3.90B	81.6	5.39A	5.25	6.31	9.77	9.16	7.66	17.8	38.6	15
16	6.80B	2.90B	4.30B	95.8	5.19A	6.02	6.36	9.75	7.66	8.09	16.0	43.5	16
17	6.90B	2.90B	4.50B	159	5.16A	5.75	7.08	9.55	7.29	7.76	15.1	39.1B	17
18	6.90B	2.85B	4.60B	167	5.18A	5.68	7.56	9.55	9.15	7.26	17.1	34.2	18
19	6.70B	2.75B	4.80B	189	5.87A	7.20	8.34	9.53	8.29	6.95	22.0	32.1	19
20	6.60B	2.70B	4.90B	70.9	5.75	11.3	7.71	9.52	7.65	6.95	23.3	30.1	20
21	6.70B	2.70B	5.10B	71.9	5.33	19.2	7.14	9.21	7.26	6.89	58.0	28.0	21
22	6.07B	2.70B	5.30B	53.0	5.21	20.6	6.76	9.43	7.37	6.83	51.6	26.3	22
23	6.95B	2.70B	5.50B	29.7	5.18	13.9	6.61	10.3	8.98	6.38	32.4	25.1	23
24	6.70B	2.65B	6.00B	15.9	5.14	14.8	6.47	9.93	8.62	6.33	45.8	24.5	24
25	6.50B	2.65B	25.0 B	13.3	5.14	13.8	6.56	12.2	11.0	6.32	36.2	102	25
26	6.30B	2.65B	27.5 B	10.9	5.60	9.93	6.63	11.8	11.3	6.21	34.2	100	26
27	6.00B	2.65B	29.0 B	11.5	6.69	8.35	6.94	11.2	11.2	6.22	31.5	59.8	27
28	5.80B	2.70B	29.5 B	11.0E	16.0	7.21	8.05	10.4	13.9	6.20	30.1	59.2	28
29	5.60B		30.0 B	11.2E	11.8	7.32	7.19	10.0	11.9	6.35	37.2	57.8	29
30	5.40B		35.0 B	11.0E	9.22	6.56	7.13	9.98	9.74	6.28	53.9	46.8	30
31	5.20B		105 B		8.57		9.39	9.67		6.29		41.9	31
TOTAL	242.82	89.27	408.27	1 897.7	194.73	253.05	202.52	311.16	267.49	194.51	739.13	1 587.5	TOTAL
MEAN	7.83	3.19	13.2	63.3	6.28	8.40	6.53	10.0	8.92	6.27	24.6	51.2	MEAN
MAX	20.0	5.10	105	167	16.0	20.6	9.39	12.2	13.9	8.62	53.9	104	MAX
MIN	5.20	2.65	2.60	10.9	4.85	4.46	4.95	8.73	7.26	6.20	5.25	25.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.5
MAXIMUM DAILY, 167 ON APR 18
MINIMUM DAILY, 2.60B ON MAR 2
MAXIMUM INSTANTANEOUS,
257 AT 19:56 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 35 06 N
LONG 80 28 54 W
DRAINAGE AREA, 1 170 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 000	JUL	17 500
FEB	7 710	AUG	26 900
MAR	35 300	SEP	23 100
APR	164 000	OCT	16 800
MAY	16 800	NOV	63 900
JUN	21 800	DEC	137 000

TOTAL DISCHARGE, 552 000 dam³

GRAND RIVER BELOW SHAND DAM - STATION NO. 02GA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.44	4.04	1.83B	23.2	5.01	5.07	3.62	6.02	6.28	4.80	2.96	24.0	1
2	5.39	3.88	1.80B	43.6	3.51	5.08	3.62	5.75	6.22	4.83	3.10	32.4	2
3	5.33	3.77	1.78B	59.5	2.61	5.07	3.60	5.64	5.17	4.82	3.19	44.1	3
4	5.32	3.33	1.71B	61.2	2.61	5.08	3.61	5.69	4.98	4.76	3.24	42.7	4
5	5.30	2.87	1.69B	61.0	3.10	5.09	3.61	6.12	5.08	4.75	3.27	42.7	5
6	5.28	2.90B	1.68B	60.5	3.63	5.07	3.61	6.54	5.51	4.75	3.29	43.6	6
7	5.37	2.90B	1.68B	46.1	3.41	3.42	4.05	6.01	5.48	4.78	3.25	44.0	7
8	5.37	2.80	1.68B	24.7	3.41	2.59	4.74	6.38	5.47	4.74	3.28	43.1	8
9	5.42B	2.69	1.68B	24.6	3.41	2.58	4.72	6.79	5.44	4.72	3.32	41.9	9
10	5.42B	2.67	1.68B	24.7	3.42	3.51	4.72	6.39	5.00	4.68	5.18	41.3	10
11	5.32B	2.63B	1.68	30.9	3.44	3.76	4.73	6.45	5.39	4.70	9.08	42.1	11
12	5.28	2.57	1.68B	37.6	3.59	3.77	4.73	6.39	5.31	4.70	9.24	40.4	12
13	5.24	2.46	1.62B	24.5	3.77	3.75	4.69	6.43	5.35	4.62	9.25	38.6	13
14	5.19	2.36	1.94B	44.2	3.83	3.76	4.70	6.36	5.06	4.60	9.22	36.9	14
15	5.18	2.33	2.23B	60.8	3.82	3.77	4.70	6.37	4.94	4.64	9.36	38.7	15
16	5.16	2.24	2.58B	71.7	3.77	3.75	4.70	6.35	4.90	4.58	9.36	27.1	16
17	5.12	2.15B	2.90	116	3.76	3.73	4.72	6.39	4.87	4.57	9.08	26.3	17
18	5.16	2.11B	3.11	129	3.77	3.76	4.55	6.33	4.94	4.56	13.2	25.2	18
19	5.00	2.05	3.29	86.2	3.78	3.75	4.48	6.32	4.85	4.50	15.5	24.2	19
20	4.93	2.03	3.41	42.3	3.78	3.76	4.48	6.30	4.78	3.94	15.5	22.7	20
21	4.93	1.96	3.54	43.2	3.76	3.85	4.50	6.30	4.79	2.71	15.9	21.3	21
22	4.82B	1.93	3.84	33.3	3.79	9.31	4.49	6.31	4.81	2.69	16.0	20.0	22
23	4.77B	1.94B	4.19	15.3	3.78	8.34	4.47	6.90	4.80	2.81	16.2	18.4	23
24	4.72B	1.93B	10.1	7.76	3.76	9.95	4.47	6.51	4.82	2.90	16.4	17.8	24
25	4.68	1.91B	14.9	5.92	3.77	8.73	4.45	6.44	4.81	2.88	21.4	23.9	25
26	4.59	1.88B	15.4	5.13	4.78	5.98	4.49	6.47	4.77	2.83	23.9	31.2	26
27	4.47	1.85B	15.8	5.02	5.10	4.95	4.49	6.42	4.81	2.87	23.7	33.1	27
28	4.36	1.84B	15.9	4.92	5.07	4.60	4.46	6.41	4.80	3.02	23.4	33.6	28
29	4.30		15.9	5.01	5.05	4.60	4.47	6.37	4.86	2.98	23.5	33.5	29
30	4.14		16.1	4.98	5.08	3.93	5.21	6.33	4.85	2.95	23.7	33.0	30
31	4.09		19.4		5.09		6.24	6.33		2.91		31.9	31
TOTAL	155.09	70.02	176.64	1 194.84	120.46	144.28	138.12	195.81	153.94	120.59	346.89	1 011.7	TOTAL
MEAN	5.00	2.50	5.70	39.8	3.89	4.81	4.46	6.32	5.13	4.02	11.6	32.6	MEAN
MAX	5.44	4.04	19.4	129	5.10	9.95	6.24	6.90	6.28	4.83	23.9	44.1	MAX
MIN	4.09	1.84	1.60	4.92	2.61	2.58	3.60	5.64	4.77	2.69	2.96	17.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.5
MAXIMUM DAILY, 129 ON APR 18
MINIMUM DAILY, 1.60B ON MAR 13
MAXIMUM INSTANTANEOUS,
152 AT 18:52 EST ON APR 17

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 03 53 N
LONG 80 20 36 W
DRAINAGE AREA, 890 km²
B - ICE CONDITIONS
REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 400	JUL	11 900
FEB	4 950	AUG	16 900
MAR	15 300	SEP	13 300
APR	103 000	OCT	10 800
MAY	10 400	NOV	38 800
JUN	12 500	DEC	87 400

TOTAL DISCHARGE, 331 000 dam³

GRAND RIVER NEAR HARRISVILLE - STATION NO. 02GA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.90B	1.22B	1.28B	171	3.55	1.83	1.83	1.68	1.69	3.26	3.33	37.0	1
2	1.72B	1.23B	1.26B	108	2.97	1.82	1.57	1.64	1.69	2.86	15.3	22.6	2
3	2.00B	1.24B	1.22B	107	3.52	1.50	1.33	1.63	1.66	2.59	23.7	19.3	3
4	2.08B	1.25B	1.24B	70.7	2.19	1.23	1.16	2.25	1.56	2.53	28.6	31.1	4
5	3.00B	1.29B	1.26B	58.1	1.91	1.18	1.26	2.13	1.48	2.16	19.8	30.2	5
6	5.10B	1.18B	1.27B	37.5 B	1.71	2.03	1.03	1.93	1.38	2.00	14.3	69.0	6
7	4.62B	1.16B	1.27B	26.5 B	1.56	2.38	0.898	1.80	1.22	2.03	11.2	39.4	7
8	5.48B	1.13B	1.22B	21.9 B	1.53	2.17	0.790	1.70	1.10	2.23	13.7	19.0	8
9	3.10B	1.13B	1.20B	23.8 B	1.50	1.80	0.646	1.65	1.11	2.16	13.8	11.7	9
10	2.35B	1.13B	1.21B	27.8 B	1.37	1.67	0.529	1.55	1.99	1.96	9.28	9.18	10
11	2.10B	1.11B	1.22B	27.2	1.24	1.26	0.562	1.39	2.02	1.99	7.89	8.19	11
12	1.82B	1.10B	1.30B	26.3	1.06	1.02	0.661	1.33	1.97	2.05	16.9	7.29	12
13	1.78B	1.10B	1.78B	44.8	0.996	0.888	0.566	1.28	1.84	1.96	28.3	7.17	13
14	1.70B	1.12B	3.20B	51.8	0.935	0.801	0.493	1.20	1.83	1.91	17.6	7.86	14
15	1.66B	1.14B	4.00B	61.7	0.879	0.863	0.398	1.15	1.78	2.21	11.7	5.43	15
16	1.54B	1.18B	7.20B	76.8	0.842	2.12	0.354	1.15	1.76	2.02	8.81	15.2	16
17	1.42B	1.20B	7.18B	137	0.821	2.96	0.439	1.12	1.80	2.09	7.89	16.7	17
18	1.30B	1.20B	7.80B	84.9	0.786	2.54	1.84	0.983	2.54	2.15	7.26	11.5	18
19	1.32B	1.19B	7.40B	36.8	0.804	4.56	3.46	0.981	2.46	2.72	7.58	8.74	19
20	1.34B	1.22B	7.70B	36.4	1.09	10.5	4.20	1.94	2.53	3.11	8.98	6.94	20
21	1.34B	1.23B	8.30B	46.8	0.952	17.9	2.14	2.08	2.26	3.27	25.6	6.10	21
22	1.30B	1.24B	8.00B	23.0	0.806	25.5	1.30	1.85	2.22	3.13	41.4	6.01	22
23	1.31B	1.25B	10.0 B	14.3	0.789	13.3	0.971	1.76	2.63	2.84	23.4	5.54	23
24	1.34B	1.26B	11.5 B	11.8	0.808	7.91	0.760	1.64	2.75	2.61	33.7	23.1	24
25	1.36B	1.24B	13.5 B	9.46	0.885	5.17	1.28	3.97	3.31	2.40	21.8	116	25
26	1.35B	1.24B	21.0 B	8.07	0.898	4.66	1.47	6.02	3.59	1.92	13.1	99.7	26
27	1.34B	1.25B	18.5 B	8.83	0.882	4.42	1.65	4.21	4.18	1.46	9.94	39.8	27
28	1.32B	1.26B	16.0 B	7.67	2.08	3.52	2.20	2.94	5.64	1.54	8.35	31.0	28
29	1.28B		13.2 B	6.81	2.51	2.85	2.17	2.29	4.68	1.92	25.3	28.9	29
30	1.24B		17.5 B	4.42	2.01	2.32	2.01	2.02	3.76	1.81	56.9	14.4	30
31	1.22B		155 B		1.88		1.84	1.85		1.73		10.9	31
TOTAL	65.19	33.45	354.35	1 359.96	66.675	132.464	48.757	61.134	70.43	70.58	536.61	764.95	TOTAL
MEAN	2.10	1.19	11.4	45.3	1.44	4.42	1.31	1.97	2.35	2.28	17.9	24.7	MEAN
MAX	6.62	1.26	155	171	3.55	25.5	4.20	6.02	5.64	3.27	56.9	116	MAX
MIN	1.22	1.10	1.20	4.42	0.786	0.801	0.354	0.981	1.10	1.46	3.33	5.43	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.68
MAXIMUM DAILY, 171 ON APR 1
MINIMUM DAILY, 0.354 ON JUL 16
MAXIMUM INSTANTANEOUS,
294 AT 18:30 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 43 N
LONG 80 16 22 W
DRAINAGE AREA, 694 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 630	JUL	3 520
FEB	2 890	AUG	5 280
MAR	30 600	SEP	6 090
APR	118 000	OCT	6 100
MAY	3 860	NOV	46 400
JUN	11 400	DEC	66 100

TOTAL DISCHARGE, 306 080 dam³

GRASSY NARROWS LAKE AT GRASSY NARROWS - STATION NO. 05QE015

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	318.698	318.699	319.053	319.088	319.265	319.199	319.217	---	---	1
2	---	---	---	318.681	318.725	319.035	319.090	319.265	319.203	319.236	---	---	2
3	---	---	---	318.674	318.764	319.025	319.169	319.270	319.199	319.253	---	---	3
4	---	---	---	318.665	318.806	319.023	319.198	319.276	319.196	319.269	---	---	4
5	---	---	---	318.637	318.857	319.016	319.218	319.273	319.187	319.287	---	---	5
6	---	---	---	318.614	318.880	319.006	319.241	319.265	319.176	319.282	---	---	6
7	---	---	---	318.599	318.902	319.034	319.268	319.265	319.171	319.317	---	---	7
8	---	---	---	318.578	318.921	319.042	319.270	319.271	319.170	319.331	---	---	8
9	---	---	---	318.555	318.932	319.044	319.276	319.260	319.159	319.336	---	---	9
10	---	---	---	318.543	318.932	319.070	319.273	319.243	319.145	319.358	---	---	10
11	---	---	---	318.521	318.961	319.069	319.273	319.240	319.131	319.377	---	---	11
12	---	---	---	318.501	318.955	319.080	319.263	319.239	319.116	319.387	---	---	12
13	---	---	---	318.478	318.952	319.085	319.248	319.246	319.111	319.400	---	---	13
14	---	---	---	318.465	318.954	319.093	319.227	319.251	319.100	319.428	---	---	14
15	---	---	---	318.458	318.958	319.109	319.208	319.264	319.098	319.443	---	---	15
16	---	---	---	318.450	318.957	319.108	319.197	319.267	319.104	319.465	---	---	16
17	---	---	---	318.433	318.966	319.126	319.212	319.262	319.119	319.463	---	---	17
18	---	---	---	318.411	318.985	319.133	319.213	319.260	319.129	319.459	---	---	18
19	---	---	---	318.382	318.992	319.135	319.200	319.276	319.145	319.460	---	---	19
20	---	---	---	318.358	318.995	319.143	319.200	319.272	319.151	319.471	---	---	20
21	---	---	---	318.344	319.002	319.150	319.210	319.262	319.161	319.483	---	---	21
22	---	---	---	318.350	319.006	319.150	319.215	319.261	319.164	319.491	---	---	22
23	---	---	318.868A	318.370	319.011	319.141	319.225	319.258	319.179	319.496	---	---	23
24	---	---	---	318.406	319.016	319.150	319.246	319.255	319.190	319.504	---	---	24
25	---	---	318.828A	318.449	319.023	319.134	319.268	319.250	319.190	319.510	---	---	25
26	---	---	318.800	318.490	319.028	319.126	319.269	319.235	319.196	319.509	---	---	26
27	---	---	318.781	318.533	319.038	319.124	319.260	319.229	319.181	319.507A	---	---	27
28	---	---	318.770	318.579	319.044	319.112	319.263	319.214	319.179	319.505E	---	---	28
29	---		318.755	318.616	319.053	319.101	319.265	319.206	319.208	319.504E	---	---	29
30	---		318.740	318.654	319.045	319.096	319.273	319.206	319.218	319.503E	---	---	30
31	---		318.726		319.051		319.277	319.196		319.503E		---	31
MEAN	---	---	---	318.516	318.948	319.091	319.229	319.252	319.163	319.410	---	---	MEAN
MAX	---	---	---	318.698	319.053	319.154	319.278	319.276	319.218	319.510	---	---	MAX
MIN	---	---	---	318.344	318.699	319.004	319.088	319.196	319.098	319.217	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 319.510 ON OCT 25

MAXIMUM INSTANTANEOUS,
319.516 AT 14:25 CST ON OCT 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 40 N
LONG 94 01 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)
APPLY -000.183 m ADJUSTMENT TO CONVERT TO ONTARIO HYDRO PROJECT DATUM

GRAVEL RIVER NEAR CAVERS - STATION NO. 02AB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.70B	1.16 B	0.997E	0.990E	46.0E	9.99	5.70	3.65	2.02	9.64	10.6	13.9 B	1
2	1.67B	1.13 B	0.995E	1.01 B	54.0E	9.48	5.29	3.61	2.00	9.64	13.6	13.8	2
3	1.64B	1.12 B	0.993E	1.02 B	59.0E	8.87	4.93	3.98	2.67	12.4	12.6	14.8	3
4	1.62B	1.11 B	0.991E	1.03 B	65.0E	8.23	4.61	4.66	2.87	14.8	12.0	17.3	4
5	1.59B	1.10 B	0.989E	1.05 B	69.5E	7.78	4.33	4.31	2.98	14.8	12.0	17.7	5
6	1.56B	1.10 B	0.987E	1.07 B	74.2E	7.16	5.72	4.08	2.99	12.8	11.4	16.3	6
7	1.54B	1.09 B	0.985E	1.10 B	81.0	6.86	11.1	3.84	2.87	10.5	10.8	13.1	7
8	1.51B	1.09 B	0.983E	1.13 B	76.0	6.52	15.8	3.66	2.78	29.2	10.2	11.6	8
9	1.49B	1.08 B	0.981E	1.16 B	61.9	6.30	15.7	3.96	2.75	27.7	9.66	10.9	9
10	1.47B	1.07 B	0.979E	1.20 B	52.7	11.3	14.3	4.26	2.70	25.5	9.18	10.1 B	10
11	1.44B	1.07 B	0.978E	1.25 B	56.8	18.6	13.8	4.34	2.72	35.2	9.30	9.70B	11
12	1.42B	1.06 B	0.976E	1.31 B	58.7	18.8	13.9	4.20	2.91	38.4	9.15	9.27B	12
13	1.40B	1.05 B	0.974E	1.42 B	51.0	16.5	13.0	3.87	3.59	33.6	8.26	8.89B	13
14	1.38B	1.05 B	0.973E	1.50 B	49.6	14.9	12.0	3.62	4.17	28.8	8.20B	8.48B	14
15	1.37B	1.04 B	0.971E	1.62 B	48.8	13.6	11.1	3.40	4.39	25.2	8.10B	8.15B	15
16	1.35B	1.04 B	0.970E	1.80 B	42.6	12.2	10.3	3.15	4.34	22.5	8.05B	7.85B	16
17	1.33B	1.03 B	0.968E	2.05 B	45.7	11.0	9.68	2.98	4.29	20.2	7.95B	7.50B	17
18	1.31B	1.03 B	0.967E	2.43 B	47.1	10.1	9.29	2.84	4.39	18.3	7.90B	7.22B	18
19	1.29B	1.03 B	0.965E	2.95 B	42.6	9.21	8.77	2.87	4.67	18.6	8.26	6.85B	19
20	1.27B	1.02 B	0.964E	3.45 B	37.0	8.50	8.19	2.82	4.83	19.6	13.5	6.65B	20
21	1.26B	1.02 B	0.963E	4.10 B	32.1	8.47	7.65	2.75	4.91	18.8	43.1	6.38B	21
22	1.25B	1.02 B	0.963E	5.18 B	27.6	9.09	7.23	2.67	4.87	17.1	48.2	6.07B	22
23	1.24B	1.01 B	0.962E	7.05 E	24.1	9.08	6.77	2.63	4.75	15.8	36.7	5.98B	23
24	1.23B	1.01 B	0.962E	9.60 E	21.2	8.72	6.30	2.55	5.00	14.6	26.5	5.66B	24
25	1.21B	1.00 B	0.963E	12.4 E	18.7	8.37	5.87	2.51	5.27	13.9	22.4	5.43B	25
26	1.20B	1.00 B	0.965E	16.2 E	16.6	7.87	5.49	2.48	5.34	13.2	19.3	5.23B	26
27	1.19B	1.00 B	0.968E	20.3 E	15.0	7.37	5.12	2.38	5.24	12.6	16.1	5.03B	27
28	1.18B	0.999B	0.972E	26.3 E	13.6	7.01	4.89	2.29	5.29	12.2	15.5 B	4.83B	28
29	1.17B		0.977E	32.0 E	12.2	6.58	4.56	2.20	6.00	12.1	14.8 B	4.68B	29
30	1.16B		0.983E	38.7 E	11.1	6.13	4.28	2.09	8.18	13.4	14.3 B	4.50B	30
31	1.15B		0.990E		10.4		3.90	1.99		14.8		4.34B	31
TOTAL	42.59	29.50B	30.25A	202.37B	1 320.6	294.51	259.49	100.24	122.18	593.08	459.61	277.31	TOTAL
MEAN	1.37	1.05	0.976	6.75	42.6	9.82	8.37	3.23	4.07	19.1	15.3	8.95	MEAN
MAX	1.70	1.16	0.997	38.7	81.0	18.8	15.8	4.66	8.18	38.4	48.2	17.7	MAX
MIN	1.15	0.999	0.962	0.990	10.4	6.13	3.90	1.99	2.02	9.64	7.90	4.34	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.2
MAXIMUM DAILY, 81.0 ON MAY 7
MINIMUM DAILY, 0.962B ON MAR 23
MAXIMUM INSTANTANEOUS,
82.2 AT 22:39 EST ON MAY 7

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 36 N
LONG 87 41 27 W
DRAINAGE AREA, 616 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 680	JUL	22 400
FEB	2 550	AUG	8 660
MAR	2 610	SEP	10 600
APR	17 500	OCT	51 200
MAY	114 000	NOV	39 700
JUN	25 400	DEC	24 000

TOTAL DISCHARGE, 322 000 dam³

GREENWATER CREEK AT OUTLET OF GREENWATER LAKE - STATION NO. 02AB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	6.10 E	---	---	---	---	1
2	---	---	---	0.980	1.22E	---	---	---	---	---	---	---	2
3	0.860E	---	---	---	---	---	---	---	---	3.10E	---	---	3
4	---	---	---	---	---	---	2.12E	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	0.700E	---	---	2.50E	5
6	---	---	---	---	---	2.12E	---	---	---	---	---	---	6
7	---	1.10 E	0.860E	---	---	---	---	---	2.23	---	2.70E	---	7
8	---	---	---	---	---	---	---	5.90 E	---	3.20	---	---	8
9	---	---	---	---	1.64E	---	---	---	---	---	---	---	9
10	0.980E	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	0.980E	---	---	2.74E	---	---	---	---	---	11
12	---	---	---	---	---	---	5.73	---	3.70 E	---	---	2.50E	12
13	---	---	---	---	---	1.96E	5.73	---	---	---	---	---	13
14	---	1.04 E	0.920E	---	---	---	6.86	---	---	---	2.60E	---	14
15	---	---	---	---	---	---	11.2 E	5.60 E	---	---	---	---	15
16	---	---	---	---	3.20E	---	11.0	---	---	---	---	---	16
17	1.10 E	---	---	---	---	---	10.8	---	---	3.00E	---	---	17
18	---	---	---	0.980E	---	---	10.5	---	---	---	---	---	18
19	---	---	---	---	---	---	10.5	2.00	3.60 E	---	---	2.40E	19
20	---	---	---	---	---	2.04E	10.5	---	---	---	---	---	20
21	---	0.980E	1.04 E	---	---	---	10.7	---	---	---	2.60E	---	21
22	1.22	---	---	---	---	---	10.6	---	---	---	---	---	22
23	---	---	---	---	3.01E	---	10.4	---	---	---	---	---	23
24	---	---	---	---	---	---	10.3	---	---	2.90E	---	---	24
25	---	---	---	1.10 E	---	---	10.2	---	---	---	---	---	25
26	---	---	---	---	---	---	10.0	---	3.40 E	---	---	2.40E	26
27	---	---	---	---	---	2.04E	9.77	---	---	---	---	---	27
28	---	0.920E	1.10 E	---	---	---	9.64	---	---	---	2.60E	---	28
29	---		---	---	---	---	9.38	0.600E	---	---	---	---	29
30	---		---	---	2.29E	---	9.25	---	---	---	---	---	30
31	1.16 E		---		---		9.13	---		2.80E		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 36 28 N
LONG 90 27 21 W
DRAINAGE AREA, 174 km²

E - ESTIMATED
REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

DATA CONTRIBUTED BY -
ONTARIO HYDRO

GRINDSTONE CREEK NEAR ALDERSHOT - STATION NO. 02HB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4200	0.2050	0.1950	35.5	0.461	0.581	0.469	0.100	0.305	0.955	0.393	1.47	1
2	0.4100	0.2050	0.1900	8.71	0.428	0.485	0.343	0.207	0.368	0.884	1.44	1.29	2
3	0.4050	0.2020	0.1870	11.5	0.406	0.333	0.280	0.203	0.335	0.701	2.68	1.16	3
4	0.7000	0.2000	0.1850	8.22	0.378	0.288	0.260	0.159	0.295	0.633	4.11	1.58	4
5	0.6300	0.1990	0.1828	6.86	0.349	0.276	0.244	0.150	0.255	0.555	3.05	1.77	5
6	0.5700	0.1950	0.1820	3.11	0.338	4.25	0.226	0.136	0.219	0.494	1.92	3.01	6
7	0.5200	0.1900	0.2000	3.36	0.315	3.60	0.198	0.126	0.211	0.617	1.38	2.09	7
8	0.4650	0.1050	0.2300	2.85	0.909	2.08	0.183	0.226	0.193	0.773	1.19	1.56	8
9	0.4200	0.1800	0.2650	2.60	0.969	1.42	0.172	0.237	0.172	0.668	1.05	1.20 B	9
10	0.3750	0.1750	0.3150	2.26	0.660	1.19	0.165	0.169	0.169	0.561	0.920	1.05 B	10
11	0.3500	0.1700	0.3800	2.23	0.550	1.12	0.164	0.129	0.163	0.639	1.02	0.9308	11
12	0.3400	0.1600	0.583	2.01	0.477	0.889	0.148	0.117	0.146	0.588	1.28	0.8708	12
13	0.3150	0.1620	5.28	2.27	0.406	0.894	0.137	0.112	0.147	0.532	1.15	0.7908	13
14	0.3050	0.1600	6.88	2.12	0.361	0.805	0.129	0.110	0.142	0.496	0.953	0.7608	14
15	0.2950	0.6000	6.66	1.77	0.324	0.711	0.136	0.100	0.174	0.466	0.858	0.703	15
16	0.2820	0.5088	5.63	1.62	0.294	1.21	0.097	0.103	0.163	0.436	0.771	2.67	16
17	0.2720	0.2158	5.75	2.22	0.264	0.824	0.216	0.095	0.146	0.396	0.706	2.81	17
18	0.2620	0.2128	5.26	1.84	0.236	0.624	0.187	0.086	0.209	0.379	0.669	2.06	18
19	0.2538	0.2118	5.46	1.40	0.286	0.612	0.168	0.082	0.167	0.358	0.635	1.08	19
20	0.2488	0.2108	5.39	1.66	0.363	0.617	0.137	0.134	0.156	0.364	0.611	0.888	20
21	0.2408	0.2098	5.05	2.10	0.343	0.707	0.121	0.096	0.150	0.335	0.988	0.806	21
22	0.2328	0.2068	7.68	1.40	0.319	0.719	0.110	0.091	0.253	0.318	1.21	0.821	22
23	0.2408	0.2038	12.3	1.08	0.385	0.875	0.108	0.097	0.615	0.297	1.31	0.913	23
24	0.2338	0.2028	12.9	0.913	0.385	0.656	0.107	0.108	0.562	0.286	2.39	2.99	24
25	0.2288	0.2018	12.1	0.770	0.347	0.486	0.096	6.31	0.674	0.277	1.57	11.7	25
26	0.2218	0.2088	7.64	0.698	0.296	0.440	0.095	2.11	0.630	0.267	1.23	11.7	26
27	0.2178	0.1998	6.07	0.674	0.299	0.393	0.093	0.740	2.63	0.259	1.88	5.83	27
28	0.2218	0.1988	4.73	0.592	0.530	0.350	0.174	0.518	2.85	0.252	1.04	6.29	28
29	0.2188		3.75	0.554	0.542	0.976	0.139	6.312	1.63	0.246	1.79	5.31	29
30	0.2178		4.46	0.509	0.504	0.793	0.119	0.346	1.18	0.242	1.88	2.90 B	30
31	0.2118		33.0		0.465		0.124	0.297		0.236		2.20 B	31
TOTAL	10.315	6.166	159.004	96.400	13.189	29.722	5.352	13.787	15.269	10.426	41.404	88.721	TOTAL
MEAN	0.333	0.220	5.13	3.21	0.425	0.991	0.173	0.445	0.509	0.465	1.38	2.60	MEAN
MAX	0.700	0.600	33.0	20.5	0.969	4.25	0.469	6.31	2.85	0.955	4.11	11.7	MAX
MIN	0.211	0.160	0.182	0.509	0.236	0.286	0.093	0.082	0.142	0.236	0.393	0.703	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.33
MAXIMUM DAILY, 33.0 ON MAR 31
MINIMUM DAILY, 0.082 ON AUG 19
MAXIMUM INSTANTANEOUS,
44.8 AT 21:17 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 18 03 N
LONG 79 52 10 W
DRAINAGE AREA, 82.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	891	JUL	462
FEB	533	AUG	1 190
MAR	13 700	SEP	1 320
APR	8 330	OCT	1 250
MAY	1 140	NOV	3 580
JUN	2 570	DEC	6 970

TOTAL DISCHARGE, 41 900 dam³

GROUNDHOG RIVER AT FAUQUIER - STATION NO. 04LD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.58	47.08	38.98	50.08	7008	124	62.7	89.9	24.8	182	338	117 B	1
2	37.58	46.88	38.98	50.08	7998	123	57.6	79.6	24.5	167	307	117 B	2
3	37.58	46.58	38.88	50.58	833	130	53.4	70.0	24.5	153	286	119 B	3
4	37.58	46.28	38.88	51.58	845	128	48.5	62.5	26.5	143	271	128 B	4
5	37.58	46.08	38.88	52.08	837	123	44.3	57.5	32.8	133	264	124 B	5
6	37.88	45.88	38.58	52.58	826	118	41.1	53.7	38.3	125	261	118 B	6
7	38.48	45.08	38.58	53.08	804	112	40.6	51.4	39.9	119	247	112 B	7
8	39.08	44.58	38.38	53.58	766	108	40.0	48.5	39.8	137	230	108 B	8
9	39.88	44.28	38.28	54.08	688	105	39.9	47.6	38.2	177	214	103 B	9
10	40.58	44.08	38.18	54.58	602	103	40.2	49.2	37.1	191	196	99.8B	10
11	41.08	43.98	38.18	55.58	520	102	43.8	51.6	36.7	193	187	96.8B	11
12	41.98	43.48	38.28	56.08	464	99.1	66.4	52.2	36.4	191	1808	98.0B	12
13	42.38	43.08	38.48	57.08	415	92.4	133	51.6	35.4	190	1768	88.0B	13
14	43.08	42.88	38.78	58.08	365	84.8	179	49.4	36.7	201	1708	84.0B	14
15	43.58	42.58	39.08	59.08	326	79.1	187	46.7	44.7	217	1658	81.5B	15
16	44.08	42.38	39.38	60.08	298	74.6	195	42.9	68.2	205	1618	79.0B	16
17	44.58	42.08	39.78	61.08	276	73.0	193	39.9	81.4	259	1578	76.0B	17
18	45.08	41.48	40.08	62.58	257	71.6	205	36.8	89.3	258	1538	74.0B	18
19	45.58	41.08	40.58	64.58	248	69.2	247	35.3	96.5	265	1518	71.0B	19
20	45.88	40.88	41.08	68.08	249	67.1	293	35.2	134	335	1508	70.0B	20
21	46.08	40.58	41.58	71.08	251	65.8	313	35.5	276	540	1708	68.0B	21
22	46.28	40.38	42.58	75.08	239	66.0	315	37.6	356	628	2028	66.0B	22
23	46.58	40.08	43.08	80.08	224	70.1	304	37.4	361	602	2008	65.0B	23
24	46.88	39.88	44.08	87.08	210	74.8	280	35.3	346	575	1908	63.0B	24
25	47.08	39.58	44.58	96.08	197	78.8	266	33.6	315	585	1728	62.0B	25
26	47.38	39.28	45.08	120 B	186	82.6	212	32.1	283	582	1558	60.0B	26
27	47.58	39.08	45.58	190 B	175	84.7	188	30.2	255	535	1488	59.5B	27
28	47.08	39.08	46.58	300 B	164	80.1	152	28.4	228	484	1338	58.0B	28
29	47.38		47.48	430 B	152	73.9	131	27.1	207	443	1278	57.5B	29
30	47.08		48.58	580 B	141	68.5	115	26.2	193	406	1228	56.5B	30
31	47.08		49.58		131		101	25.6		371		56.0B	31
TOTAL	1 335.5	1 196.4	1 276.6	3 152.0	13 188	2 732.2	4 559.5	1 488.3	3 881.3	9 632	5 875	2 634.0	TOTAL
MEAN	43.1	42.7	41.2	105	425	91.1	147	48.0	127	310	196	84.6	MEAN
MAX	47.5	47.0	49.5	580	845	130	315	89.9	361	628	338	128	MAX
MIN	37.5	39.0	38.1	50.0	131	65.8	39.9	25.6	24.5	119	123	56.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 130
MAXIMUM DAILY, 845 ON MAY 4
MINIMUM DAILY, 24.5 ON SEP 2
MAXIMUM INSTANTANEOUS,
960 AT 13:00 EST ON MAY 4

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 19 07 N
LONG 82 02 25 W
DRAINAGE AREA, 11 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	115 000	JUL	390 000
FEB	103 000	AUG	131 000
MAR	110 000	SEP	330 000
APR	273 000	OCT	831 000
MAY	1 140 000	NOV	568 000
JUN	236 000	DEC	227 000

TOTAL DISCHARGE, 4 390 000 dam³

GULL RIVER AT HORLAND - STATION NO. 03NF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.9	14.5	12.8	16.7	49.0	12.8	39.3	17.0	16.3	16.2	19.3	67.5	1
2	15.0	14.6	12.8	19.6	48.1	12.8	37.9	16.8	17.1	16.0	19.5	67.8	2
3	15.0	14.5	12.7	21.0	41.2	13.2	36.7	16.2	19.2	15.7	19.9	68.0	3
4	15.0	14.5	12.6	22.2	31.5	13.3	35.2	16.4	22.2	15.6	28.6	52.4	4
5	15.2	14.5	12.7	23.6	23.1	13.8	31.5	13.6	21.5	15.2	21.9	54.1	5
6	15.1	14.2	12.3	24.7	17.9	13.3	26.2	13.8	21.1	14.7	23.8	56.7	6
7	15.1	13.7	11.9	25.1	14.6	13.9	23.8	13.5	20.2	14.5	23.9	59.3	7
8	15.8	13.4	11.6	25.0	12.9	13.7	23.7	13.8	19.9	14.3	28.6	60.3	8
9	14.6	13.4	11.7	25.1	13.5	13.7	23.7	12.9	19.6A	14.3	30.8	60.8	9
10	14.3	13.3	11.6	25.2	12.9	13.7	23.9	14.3	19.3A	14.1	30.2	58.3	10
11	14.7	13.5	11.6	25.2	12.7	14.0	23.8	28.0	18.9A	14.0	30.8	57.6	11
12	14.9	13.7	11.6	25.3	12.7	14.7	23.1	28.1	18.6A	14.0	30.5	56.8	12
13	14.6	13.7	11.6	26.5	13.0	14.2	24.4	22.5	18.3A	13.8	31.2	55.6	13
14	14.2	13.6	11.7	34.2	12.8	13.7	26.6	25.8	18.0A	13.6	31.7	54.2	14
15	14.0	13.1	11.7	39.6	12.5	14.1	26.5	24.2	17.7A	13.3	32.1	53.3	15
16	14.2	13.1	11.9	40.8	12.2	16.1	26.0	22.9	17.3A	13.2	31.9	54.1	16
17	14.8A	13.2	12.4	47.6	12.8	23.6	26.0	22.7	17.2	13.3	32.0	53.9	17
18	15.0A	13.8	12.9	57.2	11.9	29.1	27.2	22.5	17.6	13.3	31.8	53.8	18
19	15.3A	12.9	13.6	60.7	11.7	29.6	28.5	22.3	17.6	13.7	31.5	52.1	19
20	15.5	13.0	13.5	60.8	11.9	30.3	21.7	22.3	17.4	14.0	31.2	51.5	20
21	15.5	13.0	13.2	61.2	12.2	36.8	16.4	21.8	17.5	15.0	32.4	50.6	21
22	15.6	13.5	13.2	60.6	12.4	37.5	15.7	21.6	17.5	15.8	33.8	49.4	22
23	15.6	15.1	13.4	58.8	12.4	37.3	17.6	22.8	17.5	16.5	38.6	48.4	23
24	15.3	15.2	13.6	57.3	12.5	36.6	17.6	17.8	17.6	17.1	43.9	47.8	24
25	15.8	14.9	14.0	56.1	12.6	37.7	17.6	16.1	17.6	17.7	45.2	48.8	25
26	14.8	14.5	14.8	55.5	12.7	39.8	17.2	16.6	17.2	18.2	45.8	52.0	26
27	14.6	13.9	15.8	54.5	12.7	39.5	17.6	15.3	17.1	18.7	45.7	53.8	27
28	14.3	13.1	14.9	52.7	12.8	40.2	17.7	15.6	17.2	19.2	45.2	54.6	28
29	14.0		14.8	51.2	12.9	40.8	17.0	15.7	17.1	19.5	45.7	54.6	29
30	14.0		14.8	50.0	13.0	40.3	16.7	15.8	16.7	19.6	46.8	54.5	30
31	14.3		15.3		13.6		17.0	16.1		19.2		54.1	31
TOTAL	459.6	386.6	402.2	1 204.2	527.7	716.8	740.8	562.1	547.6	482.7	974.7	1 656.3	TOTAL
MEAN	14.8	13.8	13.0	40.1	17.0	23.9	23.9	18.1	18.3	15.6	32.5	53.4	MEAN
MAX	15.6	15.2	15.3	61.2	49.0	40.8	39.3	25.0	22.2	19.5	46.8	68.3	MAX
MIN	14.0	12.9	11.6	16.7	11.7	12.8	16.4	12.9	16.3	13.2	19.3	47.5	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.7
MAXIMUM DAILY, 61.2 ON APR 21
MINIMUM DAILY, 11.6 ON MAR 8
MAXIMUM INSTANTANEOUS, 61.4 AT 23:50 EST ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 43 55 N
LONG 78 49 08 W
DRAINAGE AREA, 1 280 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	39 700	JUL	64 000
FEB	33 400	AUG	48 600
MAR	34 800	SEP	47 300
APR	104 000	OCT	41 700
MAY	45 600	NOV	84 200
JUN	61 900	DEC	143 000

TOTAL DISCHARGE, 748 000 dam³

HALFWAY CREEK AT HOOSONEE - STATION NO. 04KA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0498	0.0458	0.0438	0.056	0.518	4.55	0.652	0.845	0.548	1.36	1.23	0.7008	1
2	0.0498	0.0458	0.0438	0.0588	0.875	6.35	0.625	0.997	0.537	1.34	1.14	0.6698	2
3	0.0488	0.0448	0.0438	0.0568	1.70 B	6.31	0.561	0.969	0.607	1.26	1.07	0.6608	3
4	0.0488	0.0448	0.0438	0.0548	4.50 B	5.73	0.523	0.861	0.755	1.22	1.08	0.7208	4
5	0.0488	0.0448	0.0438	0.0528	10.0 B	4.90	0.482	0.716	0.827	1.17	1.05	0.7708	5
6	0.0488	0.0448	0.0438	0.0518	17.0 B	4.16	0.464	0.561	0.796	1.18	2.19	0.7608	6
7	0.0488	0.0448	0.0438	0.0508	22.0	3.52	0.531	0.533	0.749	1.81	2.46	0.6608	7
8	0.0488	0.0448	0.0438	0.0508	22.6	2.99	1.15	0.523	0.677	1.11	2.19	0.6008	8
9	0.0478	0.0448	0.0438	0.0508	18.2	2.57	1.56	0.576	0.703	1.23	1.85 B	0.5508	9
10	0.0478	0.0448	0.0438	0.0498	14.7	2.27	1.63	0.594	0.769	1.23	1.68 B	0.5008	10
11	0.0478	0.0448	0.0438	0.0488	12.9	2.13	1.39	0.673	0.986	1.17	1.70 B	0.4508	11
12	0.0478	0.0448	0.0468	0.0488	11.7	2.18	2.65	0.781	1.26	1.07	1.38 B	0.4108	12
13	0.0478	0.0448	0.0448	0.0488	10.6	1.98	3.68	0.758	1.73 A	0.998	0.9208	0.3808	13
14	0.0478	0.0448	0.0458	0.068	9.83	1.67	3.65	0.636	2.10 B	0.931	0.8608	0.3458	14
15	0.0478	0.0448	0.0468	0.076	9.01	1.52	3.35	0.513	2.40 B	1.14	0.8208	0.3158	15
16	0.0468	0.0448	0.0458	0.079	8.25	1.41	2.96	0.427	2.00 B	1.49	0.7858	0.2958	16
17	0.0468	0.0448	0.0458	0.080	7.68	1.41	3.03	0.386	1.75 B	1.54	0.7658	0.2708	17
18	0.0468	0.0448	0.0458	0.0768	7.04	1.56	3.66	0.414	1.66 B	1.52	0.7508	0.2508	18
19	0.0468	0.0448	0.0458	0.0678	6.87	1.48	3.25	0.646	1.80 B	1.59	0.7408	0.2358	19
20	0.0468	0.0448	0.0478	0.0648	7.02	1.19	2.81	1.09	1.66 B	1.70	0.8508	0.2208	20
21	0.0468	0.0448	0.0518	0.0648	7.23	1.06	2.44	1.38	1.50 B	1.77	1.10 B	0.2058	21
22	0.0468	0.0448	0.0538	0.0648	7.01	0.958	2.03	1.21	1.33 B	1.84	1.38 B	0.1908	22
23	0.0468	0.0448	0.0558	0.0658	6.51	0.865	1.69	1.03	1.22 B	1.82	1.35 B	0.1808	23
24	0.0468	0.0448	0.0718	0.0688	5.78	0.760	1.44	0.897	1.16 B	1.76	1.28 B	0.1708	24
25	0.0458	0.0438	0.0688	0.0728	5.07	0.764	1.52	0.831	1.11 B	1.75	1.08 B	0.1608	25
26	0.0458	0.0438	0.0658	0.0788	4.56	0.753	1.59	0.793	1.05 B	1.69	0.9688	0.1508	26
27	0.0458	0.0438	0.0668	0.0878	3.99	0.700	1.83	0.722	1.01 A	1.58	0.8708	0.1438	27
28	0.0458	0.0438	0.0568	0.1008	3.47	0.653	1.26	0.638	0.934	1.46	0.7908	0.1358	28
29	0.0458		0.053	0.133	3.04	0.647	1.09	0.577	0.938	1.40	0.7508	0.1288	29
30	0.0458		0.049	0.297	2.79	0.641	0.931	0.564	1.15	1.35	0.7308	0.1218	30
31	0.0458		0.057		2.66		0.740	0.545		1.29		0.1158	31
TOTAL	1.444	1.230	1.517	2.210	254.753	67.513	54.949	23.594	35.686	42.889	35.968	11.467	TOTAL
MEAN	0.047	0.044	0.049	0.074	8.22	2.25	1.77	0.729	1.19	1.38	1.20	0.370	MEAN
MAX	0.049	0.045	0.071	0.297	22.6	6.35	3.68	1.38	2.40	1.84	2.46	0.770	MAX
MIN	0.045	0.043	0.043	0.048	0.518	0.641	0.464	0.386	0.537	0.931	0.730	0.115	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.46
MAXIMUM DAILY, 22.6 ON MAY 8
MINIMUM DAILY, 0.0438 ON FEB 25
MAXIMUM INSTANTANEOUS, 26.3 AT 01:05 EST ON MAY 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 16 N
LONG 80 39 14 W
DRAINAGE AREA, 123 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
R - REGULATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	125	JUL	6 750
FEB	106	AUG	1 960
MAR	131	SEP	3 080
APR	191	OCT	3 710
MAY	22 000	NOV	3 110
JUN	5 830	DEC	991

TOTAL DISCHARGE, 46 000 dam³

HARMONY CREEK AT OSHAWA - STATION NO. 02HD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.680B	0.040B	0.075B	3.72	0.165	0.205	0.214	0.167	0.103	0.149	0.441	0.446	1
2	1.86 B	0.040B	0.070B	1.02 B	0.159	0.185	0.196	0.156	0.168	0.139	0.716	0.678	2
3	0.395B	0.065B	0.070B	6.91	0.168	0.183	0.165	0.147	0.111	0.134	1.02	0.518	3
4	1.50 B	0.070B	0.100B	1.07	0.148	0.142	0.169	0.190	0.087	0.124	2.06	1.04	4
5	0.203B	0.060B	0.110B	0.585B	0.133	0.567	0.162	0.094	0.084	0.126	1.02	0.814	5
6	0.685B	0.050B	0.100B	0.525B	0.159	0.764	0.138	0.087	0.101	0.116	0.678	1.29	6
7	0.608B	0.040B	0.080B	0.329B	0.206	0.339	0.123	0.082	0.084	0.529	0.373	0.562	7
8	0.380B	0.036B	0.070B	0.343B	0.539	0.223	0.116	0.140	0.087	0.269	0.333	0.411	8
9	0.140B	0.036B	0.095B	0.415B	0.332	0.160	0.127	0.111	0.092	0.189	0.299	0.270B	9
10	0.108B	0.036B	0.120B	0.408	0.203	6.58	0.140	0.085	0.080	0.173	0.276	0.250B	10
11	0.075B	0.035B	0.550B	0.496	0.188	2.88	0.184	0.097	0.084	0.382	0.364	0.225B	11
12	0.070B	0.035B	1.25 B	0.432	0.169	0.531	0.113	0.076	0.082	0.196	0.504	0.210B	12
13	0.065B	0.035B	5.00 B	1.00	0.164	0.473	0.098	0.076	0.082	0.191	0.484	0.208B	13
14	0.063B	0.035B	5.17 B	0.619	0.176	0.377	0.101	0.072	0.345	0.254	0.310	0.200B	14
15	0.060B	0.080B	3.60	0.526	0.166	0.955	0.140	0.069	0.214	0.261	0.269	0.350B	15
16	0.058B	0.200B	2.81	0.545	0.150	1.16	0.148	0.068	0.136	0.198	0.234	1.34	16
17	0.055B	0.062B	2.77	0.898	0.139	0.473	0.595	0.065	0.103	0.173	0.227	0.570B	17
18	0.053B	0.042B	1.97 B	0.620	0.132	0.322	0.981	0.066	0.767	0.160	0.216	0.285B	18
19	0.050B	0.040B	2.00	0.392	0.585	0.534	0.484	0.118	0.156	0.182	0.215	0.235B	19
20	0.048B	0.060B	3.55	2.47	0.251	0.421	0.199	0.142	0.119	0.282	0.223	0.225B	20
21	0.046B	0.110B	2.98	1.48	0.173	0.388	0.138	0.065	0.117	0.170	1.44	0.219B	21
22	0.070B	0.150B	3.43	0.676	0.202	0.354	0.121	0.180	0.289	0.167	0.729	0.215B	22
23	0.090B	0.135B	3.56 B	0.375E	0.193	0.253	0.105	0.184	0.330	0.179	0.782	0.245B	23
24	0.070B	0.110B	2.88 B	0.335E	0.191	0.202	0.100	0.099	0.340	0.158	1.30	0.690B	24
25	0.055B	0.100B	1.61 B	0.295E	0.190	0.552	0.119	1.19	0.235	0.149	0.477	2.00 B	25
26	0.053B	0.090B	1.28 B	0.275E	0.180	1.90	0.116	0.136	0.163	0.165	0.405	0.880B	26
27	0.050B	0.085B	0.773B	0.240E	0.164	0.467	0.206	0.108	0.700	0.142	0.386	0.600B	27
28	0.050B	0.080B	0.618B	0.215E	0.553	0.444	0.665	0.105	0.307	0.159	0.409	1.30 B	28
29	0.049B		1.06 B	0.195E	0.319	0.492	0.168	0.100	0.192	0.104	0.803	0.700B	29
30	0.044B		1.60 B	0.170E	0.242	0.313	0.127	0.113	0.162	0.173	0.564	0.500B	30
31	0.042B		0.52		0.210		0.139	0.097		0.148		0.450B	31
TOTAL	6.427	1.957	58.011	26.379	6.939	22.740	6.527	4.458	5.810	5.979	17.268	17.702	TOTAL
MEAN	0.207	0.070	1.87	0.879	0.224	0.758	0.211	0.144	0.194	0.193	0.576	0.571	MEAN
MAX	1.50	0.200	8.52	6.91	0.585	6.58	0.981	1.19	0.767	0.529	2.06	2.00	MAX
MIN	0.042	0.035	0.070	0.170	0.132	0.142	0.098	0.065	0.080	0.116	0.215	0.200	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.494
MAXIMUM DAILY, 8.52 ON MAR 31
MINIMUM DAILY, 0.035B ON FEB 11
MAXIMUM INSTANTANEOUS,
39.0 AT 20:07 EST ON JUN 10

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 15 N
LONG 78 49 30 W
DRAINAGE AREA, 41.6 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	555	JUL	564
FEB	169	AUG	385
MAR	5 010	SEP	502
APR	2 280	OCT	517
MAY	600	NOV	1 490
JUN	1 960	DEC	1 530

TOTAL DISCHARGE, 15 690 dam³

HARRIS RIVER AT HIGHWAY NO. 69 - STATION NO. 02EA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.00 B	0.400B	0.080B	6.48	23.7	0.220	0.005E	0 E	0.040E	0.200E	4.10E	9.73	1
2	1.00 B	0.370B	0.080B	7.09	22.0	0.235	0.005E	0 E	0.090E	0.210E	3.10E	9.65	2
3	1.04	0.350B	0.080B	9.08	20.3	0.192	0.005E	0 E	0.130E	0.220E	2.70E	9.98	3
4	1.19	0.330B	0.080B	10.0	18.6	0.176	0.005E	0 E	0.170E	0.227A	2.30E	10.4	4
5	1.36	0.310B	0.080B	11.7	16.8	0.156	0.005E	0 E	0.210E	0.230E	2.10E	10.9	5
6	1.34	0.290B	0.080B	12.1	14.8	0.156	0.005E	0 E	0.220E	0.300E	2.10E	12.3	6
7	1.38	0.270B	0.080B	12.1	12.7	0.149	0.005E	0 E	0.220E	0.600E	2.60E	13.1	7
8	1.27	0.250B	0.080B	12.0	11.0	0.138	0.005E	0 E	0.220E	1.00 E	3.30E	13.7	8
9	1.25 B	0.235B	0.080B	11.8	9.54	0.125	0.005E	0 E	0.200E	1.50 E	3.80E	13.9	9
10	1.25 B	0.220B	0.080B	11.4	8.28	0.099	0.005E	0 E	0.190E	2.00 E	4.00E	13.8	10
11	1.25 B	0.205B	0.110B	11.1	7.40	0.089	0 E	0 E	0.170E	2.00 E	4.10E	14.3	11
12	1.30 B	0.190B	0.184	10.8	6.90	0.086	0 E	0 E	0.150E	2.50 E	4.90E	14.3	12
13	1.30 B	0.170B	0.291	12.3	6.29	0.077	0 E	0 E	0.140E	3.00 E	6.00E	14.0	13
14	1.15 B	0.160B	0.553	13.9	5.87	0.063	0 E	0 E	0.170E	3.60 E	6.40E	13.8	14
15	1.10 B	0.140B	0.880	15.0	4.57	0.060	0 E	0 E	0.210E	4.20 E	8.20E	13.3	15
16	1.05 B	0.130B	1.46	16.6	3.70	0.070	0 E	0 E	0.220E	4.20 E	9.32	12.7	16
17	1.00 B	0.107B	2.61	23.0	2.91	0.066	0 E	0 E	0.240E	4.30 E	9.82	11.9	17
18	0.940B	0.100B	3.01	27.5	2.09	0.046	0 E	0 E	0.350E	4.40 E	9.82	11.2	18
19	0.900B	0.095B	3.46	29.4	1.55	0.047	0 E	0 E	0.380E	4.70 E	9.85	10.6	19
20	0.850B	0.090B	3.51	32.5	1.28	0.051	0 E	0 E	0.400E	5.00 E	10.5	10.0	20
21	0.810B	0.090B	3.44	35.7	1.10	0.048	0 E	0.005E	0.390E	5.70 E	11.3	9.47	21
22	0.770B	0.085B	3.32	37.2	0.920	0.049	0 E	0.005E	0.370E	6.00 E	11.4	8.93	22
23	0.730B	0.085B	3.21	37.1	0.731	0.027	0 E	0.006A	0.340E	6.20 E	11.3	8.61	23
24	0.690B	0.080B	3.13	36.5	0.651	0.016	0 E	0.005E	0.290E	6.30 E	11.4	9.14	24
25	0.640B	0.080B	3.13	35.0	0.587	0.006A	0 E	0.005E	0.240E	6.20 E	10.8	11.0	25
26	0.600B	0.080B	3.18	33.3	0.461	0.005E	0 E	0.005E	0.220E	6.10 E	10.8	13.9	26
27	0.577	0.080B	3.13	31.5	0.393	0.005E	0 E	0 E	0.210E	6.00 E	10.6	15.5	27
28	0.529	0.080B	3.07	29.1	0.345	0.005E	0 E	0 E	0.200E	5.70 E	10.0	15.6	28
29	0.000		3.01	27.2	0.301	0.005E	0 E	0 E	0.190E	5.40 E	9.90	16.0	29
30	0.660B		3.18	25.5	0.283	0.005E	0 E	0 E	0.180E	5.20 E	9.83	17.1	30
31	0.030B		4.73		0.293		0 E	0 E		4.50 E		17.6	31
TOTAL	29.366	5.062	53.336	625.35	205.775	3.467	0.050	0.031	6.750	107.687	216.14	386.11	TOTAL
MEAN	0.947	0.181	1.72	20.8	6.64	0.082	0.002	0.001	0.225	3.47	7.20	12.5	MEAN
MAX	1.36	0.400	4.73	37.2	23.7	0.235	0.005	0.006	0.400	6.30	11.4	17.6	MAX
MIN	0.030	0.080	0.080	6.48	0.283	0.005	0	0	0.040	0.200	2.10	8.61	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.49
MAXIMUM DAILY, 37.2 ON APR 23
MINIMUM DAILY, 0E ON JUL 11
MAXIMUM INSTANTANEOUS,
37.6 AT 20:22 EST ON APR 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 01 15 N
LONG 80 36 22 W
DRAINAGE AREA, 25.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 540	JUL	0.32
FEB	437	AUG	2.68
MAR	4 610	SEP	583
APR	54 000	OCT	9 300
MAY	17 800	NOV	18 700
JUN	213	DEC	33 400

TOTAL DISCHARGE, 142 000 dam³

HIGHLAND CREEK NEAR WEST HILL - STATION NO. 02HC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.27	0.315B	0.630B	2.49	1.49	1.69	0.518	0.414	9.415	0.466	2.58	0.663	1
2	0.977	0.325B	0.628B	1.08	1.47	0.486	0.462	0.837	1.26	0.436	4.79	1.09	2
3	0.741	0.335B	0.500B	1.68 A	1.43	0.439	0.443	0.439	0.963	0.448	6.56	1.81	3
4	16.1	0.340B	0.560B	1.48 E	1.41	0.433	0.423	2.19	6.418	0.436	9.87	2.76	4
5	1.66	0.345B	0.538B	1.25 E	1.39	6.91	0.425	0.466	0.395	0.432	2.43	2.70	5
6	0.980	0.350B	0.500B	1.05 E	1.44	6.37	0.438	0.412	0.390	0.430	0.889	2.54	6
7	0.660B	0.350B	0.490B	0.980E	1.68	1.37	0.428	0.413	0.385	4.95	0.561	0.798	7
8	0.520B	0.347B	0.500B	0.860E	4.63 E	0.637	0.432	1.65	0.394	0.983	0.494	0.591	8
9	0.440B	0.342B	0.528B	0.850E	0.588	0.531	0.422	0.581	0.393	0.848	0.477	0.5208	9
10	0.390B	0.339B	0.560B	0.840E	0.431	2.02	0.416	0.432	0.389	0.426	0.469	0.4988	10
11	0.360B	0.336B	0.620B	1.10 E	0.401	0.866	0.431	0.438	0.362	0.899	1.20	0.4788	11
12	0.340B	0.332B	5.02	1.30 E	0.378	0.684	0.418	0.414	0.383	0.461	1.48	0.4608	12
13	0.330B	0.325B	25.6	1.42 E	0.378	2.35	0.407	0.408	0.363	0.432	0.537	0.4508	13
14	0.320B	0.320B	11.8	1.18 E	0.371	0.733	0.431	0.395	7.12	0.502	0.441	0.4988	14
15	0.310B	1.90 B	6.24	0.920E	0.363	3.45	0.425	0.379	2.33	0.824	0.443	0.7508	15
16	0.300B	2.50 B	6.78	0.900E	0.372	2.20	0.412	0.402	0.602	0.441	0.415	5.85	16
17	0.295B	1.00 B	9.79	2.48 E	0.368	0.600	2.60 E	0.398	0.454	0.411	0.414	0.8308	17
18	0.292B	0.550B	3.49	2.00 E	0.361	0.585	1.78 E	0.398	5.24	0.418	0.433	0.7208	18
19	0.290B	1.20 B	5.03	1.30 E	1.77 E	2.10	0.750E	0.406	0.489	0.582	0.430	0.6008	19
20	0.288B	1.26 B	5.21	6.50 A	1.92	0.676	0.668	2.57	0.440	2.12	0.495	0.6208	20
21	0.286B	2.00 B	3.97	3.45	0.587	2.17	0.434	0.426	0.420	0.645	4.96	0.5508	21
22	0.284B	0.760B	5.94	2.29	0.687	1.32	0.422	1.05	1.67	0.438	0.992	0.5008	22
23	0.282B	0.650B	4.32	1.94	1.84 E	0.796	0.407	3.45	2.66	0.421	2.33	1.78 B	23
24	0.281B	0.560B	3.19	1.81	0.845	0.494	0.406	1.84	2.20	0.413	3.35	6.90 B	24
25	0.280B	0.500B	2.57	1.70	0.498	1.51	0.401	15.5	1.69	0.412	0.686	0.87	25
26	0.280B	0.600B	2.92	1.75	0.450	3.95	0.396	0.845	0.500	0.415	0.852	2.61	26
27	0.280B	0.620B	1.03	1.70	0.481	0.673	0.569	0.494	6.28	0.404	0.613	1.13	27
28	0.285B	0.630B	1.00 B	1.66	1.75	0.551	2.84	0.416	1.34	0.415	1.76	4.31	28
29	0.290B		1.88	1.51	0.501	2.55	0.504	0.386	0.548	0.421	3.03	1.28	29
30	0.300B		1.87	1.47	0.679	0.708	0.444	0.881	0.478	0.410	0.916	0.7708	30
31	0.310B		8.28		0.965		0.428	0.457		0.643		0.6808	31
TOTAL	34.941	19.511	122.050	50.660	31.344	49.612	19.268	38.949	48.971	21.573	50.718	52.102	TOTAL
MEAN	1.13	0.697	3.94	1.69	1.01	1.65	0.622	1.26	1.37	0.696	1.82	1.68	MEAN
MAX	16.1	2.50	25.6	6.50	4.63	6.91	2.60	15.5	7.12	4.95	9.87	8.87	MAX
MIN	0.280	0.315	0.490	0.840	0.361	0.433	0.396	0.379	0.362	0.404	0.414	0.450	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.47
MAXIMUM DAILY, 25.6 ON MAR 13
MINIMUM DAILY, 0.280B ON JAN 25
MAXIMUM INSTANTANEOUS,
67.0 AT 07:39 EST ON AUG 25

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 46 45 N
LONG 79 10 26 W
DRAINAGE AREA, 88.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 020	JUL	1 660
FEB	1 690	AUG	3 370
MAR	10 500	SEP	3 540
APR	4 380	OCT	1 860
MAY	2 710	NOV	4 730
JUN	4 290	DEC	4 500

TOTAL DISCHARGE, 46 380 dam³

HOLLAND RIVER AT HOLLAND LANDING - STATION NO. 02HC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.00 B	0.425B	0.329B	21.7	1.23	0.771	1.22	0.576	0.632	0.959	2.46	3.06	1
2	0.980B	0.410B	0.325B	6.36	1.13	0.764	0.958	0.565	0.633	0.831	5.52	2.49	2
3	1.13	0.400B	0.324B	12.5	1.08	0.775	0.910	0.752	0.698	0.782	5.02	2.68	3
4	2.16	0.390B	0.345B	9.52	1.04	0.763	0.858	0.761	0.600	0.721	7.93	3.90	4
5	2.51	0.384B	0.370B	4.53	0.998	0.763	0.821	0.714	0.538	0.715	6.35	3.34	5
6	2.02	0.380B	0.350B	3.43B	0.968	1.86	0.778	0.628	0.515	0.776	3.54	6.05	6
7	1.45	0.378B	0.335B	3.03B	0.977	2.14	0.742	0.582	0.531	1.48	2.64	3.89	7
8	1.16	0.370B	0.330B	2.90B	1.16	1.40	0.691	0.581	0.515	3.33	2.48	2.28	8
9	1.06	0.360B	0.329B	2.77	1.43	0.896	0.657	0.717	0.504	1.53	1.86	1.83	9
10	0.970B	0.364B	0.600B	2.83	1.32	0.829	0.592	0.631	0.508	1.08	1.74	1.51	10
11	0.880B	0.359B	0.942	3.22	1.27	0.804	0.503	0.553	0.498	1.78	1.54	1.48	11
12	0.800B	0.355B	1.30	3.13	1.13	0.760	0.491	0.528	0.456	1.69	2.27	1.168	12
13	0.720B	0.350B	4.66	4.26	1.07	0.725	0.447	0.516	0.450	1.29	2.09	1.058	13
14	0.650B	0.349B	7.70	3.95	0.999	0.724	0.462	0.495	1.79	1.11	1.61	1.10	14
15	0.600B	0.348B	6.71	3.64	0.928	0.726	0.238	0.482	2.13	1.32	1.70	1.38	15
16	0.560B	0.430B	4.92	3.23	0.887	0.919	0.301	0.452	1.04	1.55	1.53	6.86	16
17	0.510B	0.370B	4.96	8.54	0.857	1.05	0.369	0.453	0.755	1.53	1.38	3.128	17
18	0.470B	0.350B	4.57	5.95	0.826	0.913	2.78	0.458	2.57	1.23	1.37	1.938	18
19	0.440B	0.360B	4.53	2.75	0.794	1.86	8.84	0.484	1.38	1.09	1.33	1.68	19
20	0.420B	0.370B	6.79	4.50	0.779	2.38	3.41	0.802	0.941	1.41	1.32	1.78	20
21	0.400B	0.385B	6.89	4.69	0.756	1.73	1.33	0.544	0.775	1.36	3.49	1.64	21
22	0.380B	0.380B	8.89	2.96	0.705	2.56	0.868	0.503	0.761	1.11	3.29	1.61	22
23	0.460B	0.370B	6.32	2.07	0.730	3.77	0.788	0.806	1.40	0.985	2.56	1.70	23
24	0.630B	0.362B	7.95	1.97	0.828	2.07	0.609	1.03	1.20	0.904	6.02	6.23	24
25	0.600B	0.352B	7.70	1.88	0.838	1.36	0.525	4.03	1.50	0.901	3.55	15.6	25
26	0.385B	0.348B	5.05	1.72	0.840	2.27	0.894	2.44	1.28	1.38	2.55	10.4	26
27	0.375B	0.342B	3.21 B	1.67	0.705	1.61	0.559	1.11	2.04	0.859	2.10	4.96	27
28	0.365B	0.338B	3.15 B	1.52	0.810	2.52	1.76	0.788	2.16	0.800	1.83	4.77	28
29	0.362B		3.67	1.43	0.804	3.19	1.28	0.657	1.41	0.831	5.48	3.89	29
30	0.460B		6.14	1.36	0.875	2.02	0.818	0.648	1.12	0.815	9.12	2.35	30
31	0.400B		34.6		0.861		0.639	0.650		0.817		1.90	31
TOTAL	29.967	10.388	160.289	134.01	29.781	44.932	35.533	29.932	31.634	37.006	91.89	106.54	TOTAL
MEAN	0.805	0.371	4.53	4.47	0.961	1.50	1.15	0.804	1.05	1.19	3.06	3.44	MEAN
MAX	2.51	0.430	34.6	21.7	1.43	3.77	8.84	4.03	2.57	3.33	7.93	15.6	MAX
MIN	0.362	0.338	0.329	1.36	0.705	0.724	0.238	0.452	0.450	0.715	1.32	1.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.95
MAXIMUM DAILY, 34.6 ON MAR 31
MINIMUM DAILY, 0.238 ON JUL 15
MAXIMUM INSTANTANEOUS,
48.8 AT 23:30 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 05 41 N
LONG 79 20 24 W
DRAINAGE AREA, 181 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 160	JUL	2 070
FEB	800	AUG	2 150
MAR	12 100	SEP	2 730
APR	11 600	OCT	3 300
MAY	2 570	NOV	7 940
JUN	3 880	DEC	9 210

TOTAL DISCHARGE, 61 500 dam³

SUMMER CREEK NEAR PRINCETON - STATION NO. 08HB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4400	0.4390	0.6450	42.5	2.01	4.76	2.98	0.362	0.776	2.00	0.816	6.09	1
2	0.5200	0.4370	0.6390	23.3	1.87	3.97	2.79	0.379	0.798	1.32	0.698	5.69	2
3	0.669	0.4360	0.6300	15.7	1.72	3.52	1.92	0.423	1.48	0.995	1.48	4.76	3
4	0.886	0.4280	0.6210	19.9	1.64	3.04	1.52	0.531	1.76	0.712	3.08	4.51	4
5	1.36	0.4210	0.6200	10.2	1.49	2.85	1.24	0.875	1.59	0.553	4.48	6.17	5
6	1.78	0.4180	0.6200	6.380	1.37	3.56	1.82	0.719	1.21	0.443	4.36	10.7	6
7	1.73	0.4100	0.6000	5.750	1.32	4.17	0.862	0.538	0.927	0.386	3.38	19.1	7
8	1.49	0.4060	0.6300	5.380	1.59	4.51	0.723	0.507	0.786	0.394	2.44	9.13	8
9	1.84 B	0.4010	0.7000	5.400	1.75	3.88	0.638	0.556	0.688	0.470	1.99	6.24	9
10	0.8600	0.3960	0.7790	6.19	1.58	3.07	0.564	0.589	0.638	0.454	1.67	4.77	10
11	0.7800	0.3900	0.8700	6.30	1.48	2.53	0.518	0.452	0.586	0.456	1.61	3.68	11
12	0.7100	0.3800	0.9990	5.88	1.32	2.10	0.477	0.412	0.536	0.605	1.98	3.028	12
13	0.6400	0.3840	1.30 B	5.89	1.24	1.81	0.456	0.409	0.487	0.641	3.02	2.728	13
14	0.6038	0.3828	1.84 B	7.57	1.14	1.74	0.431	0.375	0.463	0.562	6.10	2.27	14
15	0.6330	0.5270	3.05 B	7.51	1.05	1.56	0.401	0.355	0.568	0.514	6.76	2.19	15
16	0.6590	0.7300	4.20 B	6.76	1.00	1.63	0.386	0.359	1.55	0.487	3.44	2.95	16
17	0.6200	0.6760	4.18 B	7.33	0.944	1.79	0.334	0.320	1.45	0.456	2.68	4.11	17
18	0.5390	0.6500	4.10 B	9.79	0.874	1.65	0.346	0.282	1.38	0.421	2.29	6.00	18
19	0.4880	0.6200	6.60 B	7.63	0.831	1.69	0.833	0.297	1.10	0.399	2.06	4.44	19
20	0.4400	0.6200	5.20 B	6.18	1.28	1.77	0.998	0.316	1.26	0.398	1.95	3.88	20
21	0.4180	0.6600	6.10 B	6.46	1.91	1.85	0.729	0.318	1.01	0.390	2.41	2.62	21
22	0.3880	0.7200	7.70 B	6.64	1.78	1.72	0.543	0.304	0.874	0.398	4.38	2.31	22
23	0.3690	0.7100	9.00 B	5.26	1.57	1.49	0.451	0.329	1.14	0.377	7.06	2.19	23
24	0.4080	0.6960	14.6	4.29	1.45	1.27	0.395	0.331	2.25	0.377	5.96	2.67	24
25	0.4900	0.6820	17.9	3.66	1.25	1.07	0.352	2.54	3.21	0.370	7.56	6.41	25
26	0.4720	0.6740	15.4	3.19	1.08	0.982	0.286	2.96	3.75	0.371	5.95	27.8	26
27	0.4620	0.6660	9.45	2.88	1.04	0.962	0.258	2.91	4.76	0.358	4.23	16.6	27
28	0.4558	0.6600	6.96	2.61	2.29	0.894	0.366	2.17	4.23	0.352	3.25	9.52	28
29	0.4500		6.26	2.38	4.74	1.11	0.444	1.54	5.29	0.348	3.12	9.39	29
30	0.4478		6.67	2.19	7.95	3.13	0.446	1.12	3.34	0.359	3.95	7.44	30
31	0.4418		25.3		6.02		0.389	0.988		0.372		5.19	31
TOTAL	21.654	15.819	162.163	250.86	58.419	79.078	25.156	24.416	49.785	16.728	101.912	202.96	TOTAL
MEAN	0.699	0.536	5.23	8.36	1.88	2.34	0.811	0.788	1.66	0.540	3.40	6.55	MEAN
MAX	1.73	0.728	25.3	42.5	7.95	4.76	2.98	2.96	5.29	2.00	7.56	27.8	MAX
MIN	0.369	0.382	0.600	2.19	0.831	0.894	0.258	0.292	0.463	0.348	0.816	2.19	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.74
MAXIMUM DAILY, 42.5 ON APR 1
MINIMUM DAILY, 0.258 ON JUL 27
MAXIMUM INSTANTANEOUS,
47.0 AT 06:09 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 30 N
LONG 80 33 12 W
DRAINAGE AREA, 150 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 870	JUL	2 170
FEB	1 380	AUG	2 110
MAR	14 000	SEP	4 300
APR	21 700	OCT	1 450
MAY	5 050	NOV	8 810
JUN	6 850	DEC	17 500

TOTAL DISCHARGE, 86 300 dam³

NUMBER RIVER AT ELDER MILLS - STATION NO. 02HC025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.30	1.08B	1.17B	37.4	2.24	2.19A	1.85	1.10	1.27	1.97	2.36	4.72	1
2	2.64	1.11B	1.18B	14.5	2.18	2.12E	1.59	1.03	1.26	1.52	6.19	3.83	2
3	2.13	1.15B	1.24B	16.1	2.08	2.08E	1.42	1.57	1.28	1.52	6.75	3.61	3
4	3.50B	1.19B	1.31B	15.0	2.00	2.02E	1.27	1.77	1.22	1.42	7.41	4.29	4
5	4.80B	1.24B	1.39B	7.97	1.98	3.30E	1.22	1.96	1.05	1.43	7.40	4.42	5
6	2.00B	1.29B	1.46B	6.60B	1.96	5.20E	1.16	1.62	0.993	1.32	4.87	12.1	6
7	1.55B	1.29B	1.38B	4.40B	1.97	3.62A	1.18	1.43	0.951	1.63	3.64	7.55	7
8	1.40B	1.29B	1.30B	4.50B	2.44	3.32	1.09	1.24	1.17	2.46	3.06	5.11	8
9	1.30B	1.28B	1.22B	4.57	3.18	2.55	0.998	1.32	1.10	2.20	2.68	3.75B	9
10	1.25B	1.25B	1.00B	4.52	2.53	1.92A	0.887	1.28	1.08	1.84	2.36	2.34B	10
11	1.22B	1.21B	1.03B	4.57	2.10	1.75E	0.883	1.16	0.891	1.78	2.24	2.78B	11
12	1.18B	1.18B	3.00B	4.71	1.90	1.64E	0.904	1.07	0.887	1.78	2.58	1.51B	12
13	1.15B	1.16B	7.00B	5.32	1.78	1.67E	0.970	0.988	0.885	1.65	3.11	1.28B	13
14	1.11B	1.15B	20.5 B	5.80	1.92	1.70E	0.877	0.953	0.960	1.56	2.88	2.84	14
15	1.10B	1.36B	20.6 B	5.38	1.73	1.95E	0.835	0.878	3.88	1.57	3.53	3.93	15
16	1.09B	1.35B	17.0 B	5.47	1.66	3.32A	0.753	0.835	3.77	1.54	3.26	5.43	16
17	1.07B	1.33B	13.0 B	9.38	1.63	3.50	0.833	0.755	2.08	1.75	2.17	6.00B	17
18	1.05B	1.32B	10.5 B	9.36	1.65	3.55	1.19	0.687	3.28	1.86	3.84	3.60B	18
19	1.04B	1.31B	7.70B	6.36	1.57	3.26	1.67	0.734	3.57	1.72	1.97	3.71B	19
20	1.03B	1.30B	10.5 B	4.12	1.88	4.88	1.76	1.99	1.93	1.72	2.05	3.33B	20
21	1.02B	1.24B	9.00B	7.34	1.99	4.89	1.24	2.72	1.64	1.71	3.28	3.11B	21
22	1.02B	1.19B	7.00B	5.28	1.77	5.23	1.03	2.03	1.53	1.67	4.43	2.99B	22
23	1.01B	1.18B	7.00B	4.19	2.04	5.58	0.868	1.88	2.20	1.56	3.59	2.96	23
24	1.01B	1.17B	10.2 B	3.91	2.28	4.10	0.822	1.59	3.02	1.56	6.25	3.85	24
25	1.00B	1.16B	9.60B	3.39	2.08	3.93	0.789	5.13	2.58	1.49	5.16	10.7	25
26	1.00B	1.15B	7.00B	3.13	1.66	4.23	0.744	4.88	2.48	1.46	3.72	21.9	26
27	1.00B	1.14B	5.00B	2.84	1.53	3.56	0.799	2.34	2.66	1.42	3.07	10.5	27
28	1.01B	1.15B	4.70B	2.82	1.82	2.61	1.29	1.76	3.88	1.42	2.71	7.29	28
29	1.02B		6.10B	2.56	3.08	2.77	2.25	1.36	3.30	1.45	4.21	6.66	29
30	1.04B		8.03	2.38	2.60	2.38	1.56	1.32	2.63	1.41	6.03	4.68B	30
31	1.06B		37.5		2.33		1.29	1.33		1.45		2.85B	31
TOTAL	45.10	38.16	237.61	215.95	63.68	94.82	36.582	47.770	56.947	51.01	112.95	165.42	TOTAL
MEAN	1.45	1.32	7.66	7.20	2.05	3.16	1.18	1.54	1.90	1.65	3.77	5.34	MEAN
MAX	4.80	1.35	37.5	37.4	3.18	5.58	2.25	4.88	3.88	2.46	7.41	21.9	MAX
MIN	1.00	1.00	1.17	2.38	1.53	1.64	0.744	0.687	0.885	1.33	1.97	1.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.10
MAXIMUM DAILY, 37.5 ON MAR 31
MINIMUM DAILY, 0.687 ON AUG 18
MAXIMUM INSTANTANEOUS,
52.5 AT 22:30 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 48 39 N
LONG 79 37 38 W

DRAINAGE AREA, 303 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 960	JUL	3 150
FEB	2 950	AUG	4 130
MAR	25 500	SEP	6 930
APR	18 700	OCT	4 610
MAY	5 600	NOV	9 760
JUN	8 190	DEC	14 300

TOTAL DISCHARGE, 100 000 dam³

HUMBER RIVER AT WESTON - STATION NO. 02HC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.7	1.96B	2.43B	107	6.88	3.88	8.33	3.14	2.35	4.07	6.00E	12.0 E	1
2	14.9	1.94B	2.30B	88.8	3.84	3.33	4.82	2.66	2.56	3.41	16.0 E	9.00E	2
3	15.2	1.93B	2.20B	50.8	3.61	3.12	3.93	2.51	2.49	3.06	18.0 E	8.50E	3
4	18.2	1.91B	2.14B	52.3	3.29	2.86	3.52	7.09	2.28	2.88	25.0 E	12.5 E	4
5	13.2	1.90B	2.60B	19.6	3.11	5.40	3.15	3.02	2.12	2.74	23.0 E	12.0 E	5
6	9.52	1.88B	2.50B	15.2 B	3.08	8.47	2.86	2.96	1.97	2.53	13.0 E	25.0 E	6
7	6.50B	1.86B	3.40B	9.00B	3.07	10.2	2.70	2.56	1.93	8.44	9.00E	20.0 E	7
8	4.20B	1.85B	2.30B	8.70B	4.18	7.25	2.58	2.92	1.98	6.80	7.00E	12.0 E	8
9	3.20B	1.83B	2.40B	8.60B	4.25	5.21	2.34	3.89	1.95	6.05	5.56E	8.40E	9
10	2.80B	1.83B	2.50B	8.25	3.85	4.18	2.21	3.29	2.06	4.42	4.90E	5.99	10
11	2.65B	1.82B	9.00B	8.45	3.17	3.43	2.03	2.17	1.81	5.83	4.65E	6.22	11
12	2.54B	1.82B	28.0 B	8.65	2.94	3.16	2.00	2.00	1.67	4.22	5.30E	4.53	12
13	2.44B	1.81B	42.0 B	10.1	2.78	4.77	1.99	1.91	1.65	3.92	7.65E	3.77	13
14	2.35B	1.80B	86.0 B	11.3	2.82	3.60	1.89	1.82	6.68	3.62	6.30E	4.60	14
15	2.30B	5.00B	79.0	10.3	2.67	4.81	1.81	1.77	7.81	3.38	4.95E	5.48	15
16	2.23B	6.80B	42.5	10.6	2.56	14.5	1.68	1.71	7.47	3.93	4.75E	15.0	16
17	2.19B	4.60B	41.1	21.8	2.55	12.0	3.25	1.59	3.90	4.65	4.50E	12.9	17
18	2.16B	3.00B	38.1	23.5	2.51	6.34	2.65	1.44	6.68	4.23	4.25E	8.26	18
19	2.12B	3.00B	36.5	16.7	2.68	6.75	3.07	1.59	4.52	3.29	4.00E	8.71	19
20	2.10B	3.00B	58.7	17.3	2.81	14.7	3.83	7.27	3.65	3.57	4.25E	7.67	20
21	2.06B	6.00B	50.1	22.4	2.77	16.4	2.91	3.47	3.13	3.17	8.60E	6.42	21
22	2.04B	4.70B	37.0	13.5	2.56	17.0	2.25	3.26	3.63	3.17	13.0 E	5.27	22
23	2.03B	3.50B	51.0	9.27	2.96	12.0	2.89	2.89	5.66	3.05E	9.00E	6.65	23
24	2.02B	2.90B	56.0	7.55	3.11	9.97	1.70	2.60	5.04	2.96E	22.0 E	15.0	24
25	2.01B	2.60B	51.9	6.54	3.04	6.96	1.66	14.3	5.20	2.85E	13.0 E	74.4	25
26	2.00B	2.40B	31.2	5.97	2.84	10.7	1.65	7.84	4.25	2.79E	8.30E	99.9	26
27	2.00B	2.70B	16.2	5.41	2.58	9.78	1.72	5.25	7.69	2.71E	5.95E	38.0	27
28	1.99B	2.80B	10.9	4.97	3.65	6.61	5.67	3.58	7.42	2.67E	5.60E	30.9	28
29	1.98B		12.7	4.78	3.74	43.6	3.42	2.81	7.02	2.60E	14.5 E	29.5	29
30	1.98B		29.3	4.29	3.90	20.1	2.88	2.83	5.08	2.58E	18.0 E	13.9	30
31	1.97B		97.3		3.41		2.45	2.52		2.65E		8.10	31
TOTAL	144.58	80.55	915.07	541.55	98.33	288.98	89.84	106.76	121.65	116.24	296.01	541.37	TOTAL
MEAN	4.66	2.88	29.5	18.1	3.17	9.37	2.87	3.44	4.06	3.75	9.87	17.5	MEAN
MAX	18.2	6.80	97.3	107	6.25	43.6	8.33	14.3	7.81	8.44	25.0	99.9	MAX
MIN	1.97	1.80	2.14	4.29	2.51	2.84	1.65	1.44	1.65	2.53	4.00	3.77	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.13
MAXIMUM DAILY, 107 ON APR 1
MINIMUM DAILY, 1.44 ON AUG 18
MAXIMUM INSTANTANEOUS,
130 AT 04:10 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 54 N
LONG 79 31 19 W
DRAINAGE AREA, 800 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 500	JUL	7 690
FEB	6 960	AUG	9 220
MAR	79 100	SEP	10 500
APR	46 800	OCT	10 000
MAY	8 500	NOV	25 600
JUN	24 300	DEC	46 800

TOTAL DISCHARGE, 288 000 dam³

HUMBER RIVER NEAR PALGRAVE - STATION NO. 02HC047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.37 B	0.880B	0.650B	16.5	1.50	1.53	1.15	0.833	1.00	1.32	2.20	2.80	1
2	1.55 B	0.880B	0.640B	7.48	1.48	1.55	0.968	1.02	0.983	1.19	4.88	2.35	2
3	1.80 B	0.880B	0.650B	8.30	1.39	1.32	0.910	1.23	1.04	1.12	4.16	2.24	3
4	1.98 B	0.790B	0.680B	7.57	1.39	1.17	0.917	1.45	0.934	1.10	4.36	2.74	4
5	2.35 B	0.790B	0.710B	5.37	1.39	1.44	0.908	1.41	0.880	1.05	4.05	3.20E	5
6	1.90 B	0.770B	0.690B	3.81	1.36	3.79	0.914	1.23	0.821	1.04	2.94	6.50E	6
7	1.55 B	0.760B	0.680B	3.52	1.39	2.72	0.889	1.03	1.05	1.32	2.34	5.05E	7
8	1.25 B	0.750B	0.670B	2.97	2.11	2.05	0.850	0.916	0.993	1.86	2.07	3.40E	8
9	1.00 B	0.730B	0.560B	2.92	2.10	1.61	0.761	1.05	0.997	1.51	1.78	2.30E	9
10	0.930B	0.710B	0.470B	3.05	1.64	1.33	0.729	0.997	0.794	1.33	1.64	1.78E	10
11	0.880B	0.700B	0.810B	3.24	1.46	1.35	0.759	0.901	0.749	1.35	1.66	1.86E	11
12	0.860B	0.700B	1.20 B	3.42	1.32	1.17	0.842	0.845	0.745	1.32	2.09	1.50E	12
13	0.837B	0.690B	2.00 B	4.24	1.54	1.12	0.767	0.837	0.757	1.22	2.29	1.07E	13
14	0.810B	0.680B	3.00 B	4.12	1.34	1.35	0.713	0.798	1.28	1.13	2.04	1.90E	14
15	0.800B	0.670B	2.80 B	4.00	1.23	1.52	0.655	0.778	5.03	1.12	1.78	2.75E	15
16	0.790B	0.660B	2.65 B	4.55	1.22	3.24	0.634	0.694	1.95	1.27	1.65	8.40E	16
17	0.780B	0.660B	2.60 B	7.29	1.23	2.03	0.750	0.672	1.29	1.50	1.61	3.40E	17
18	0.770B	0.650B	2.55 B	5.94	1.16	1.57	1.10	0.674	2.01	1.42	1.49	2.80E	18
19	0.760B	0.650B	2.52 B	4.84	1.18	2.71	1.63	0.721	1.70	1.33	1.49	3.10E	19
20	0.760B	0.640B	3.02	4.41	1.52	2.82	1.12	2.43	1.34	1.32	1.60	2.75E	20
21	0.750B	0.640B	3.12	4.31	1.35	3.99	0.904	1.79	1.14	1.37	2.75	2.58E	21
22	0.750B	0.630B	2.97	3.18	1.18	3.35	0.816	1.42	1.25	1.25	2.74	2.48E	22
23	0.750B	0.630B	3.48	2.50	1.43	4.15	0.815	1.32	2.17	1.25	2.30	2.40E	23
24	0.740B	0.650B	4.00	2.29	1.49	2.27	0.776	1.12	1.93	1.18	3.66	2.94E	24
25	0.740B	0.600B	4.40	2.19	1.20	1.74	0.718	3.01	1.82	1.13	2.80	7.20E	25
26	0.740B	0.700B	3.68	1.86	1.06	2.41	0.761	2.20	1.68	1.12	2.22	8.10E	26
27	0.750B	0.700B	2.85 B	1.86	1.01	1.91	0.799	1.52	2.31	1.12	1.92	5.40E	27
28	0.760B	0.690B	2.86 B	1.77	1.71	1.55	1.87	1.12	2.97	1.16	1.77	4.20E	28
29	0.770B		2.41 B	1.65	2.08	1.48	1.40	1.01	2.10	1.16	3.07	3.60E	29
30	0.780B		3.19	1.56	1.69	1.26	1.10	1.03	1.65	1.14	3.47	2.70E	30
31	0.790B		16.9		1.65		0.935	1.03		1.20		2.20E	31
TOTAL	32.847	19.720	79.754	129.91	46.88	61.42	28.868	37.886	45.363	38.90	74.82	101.69	TOTAL
MEAN	1.03	0.704	2.57	4.33	1.45	2.05	0.931	1.20	1.51	1.25	2.49	3.28	MEAN
MAX	2.35	0.880	16.9	16.5	2.11	4.15	1.87	3.01	5.03	1.86	4.88	8.10	MAX
MIN	0.740	0.630	0.640	1.56	1.01	1.12	0.634	0.672	0.745	1.04	1.49	1.07	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.90
MAXIMUM DAILY, 16.9 ON MAR 31
MINIMUM DAILY, 0.630B ON FEB 22
MAXIMUM INSTANTANEOUS,
20.0 AT 21:52 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 57 N
LONG 79 49 45 W
DRAINAGE AREA, 117 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 770	JUL	2 490
FEB	1 700	AUG	3 200
MAR	6 880	SEP	3 920
APR	11 200	OCT	3 360
MAY	3 870	NOV	6 460
JUN	5 310	DEC	8 790

TOTAL DISCHARGE, 60 000 dam³

REMARKS - REPLACES STATION NO. 02HC012, HUMBER RIVER NEAR CEDAR HILLS

INDIAN RIVER NEAR BLAKENEY - STATION NO. 02KF012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.807	0.817B	1.03B	9.43	6.40	2.84	0.673	0.368	0.338	0.488	0.420	1.47	1
2	0.640B	0.839B	1.03B	7.34	5.74	2.61	0.639	0.345	0.367	0.587	0.420	1.52	2
3	0.625	0.846B	1.03B	7.50	5.24	2.14	0.607	0.324	0.428	0.568	0.635	2.18	3
4	0.726	0.860B	1.02B	8.41	4.57	1.84	0.507	0.307	1.20	0.462	1.29	2.49	4
5	1.04	0.870B	1.01B	7.91	4.12	1.64	0.446	0.316	1.23	0.437	1.73	2.09	5
6	1.00	0.890B	1.00B	7.34	3.10	1.51	0.532	0.314	1.37	0.418	1.21	2.45	6
7	0.901	0.910B	1.00B	7.87	2.97	1.69	0.516	0.335	1.31	0.418	0.869	2.37	7
8	0.962B	0.938B	1.00B	6.54B	3.16	1.57	0.450	0.363	1.29	0.447	0.785	2.19	8
9	0.958B	0.960B	1.00B	6.58	4.49	1.36	0.372	0.333	1.26	0.445	0.684	2.29	9
10	0.940B	0.980B	1.00B	7.09	4.05	1.30	0.342	0.351	1.25	0.437	0.580	3.15	10
11	0.930B	1.00 B	1.00B	7.36	3.60	1.09	0.331	0.347	1.24	0.425	0.538	2.05	11
12	0.916B	1.02 B	1.02B	7.37	3.33	0.954	0.392	0.348	1.29	0.429	0.585	1.87	12
13	0.900B	1.03 B	1.08B	8.32	3.04	0.783	0.385	0.349	1.21	0.425	0.651	1.71	13
14	0.895B	1.03 B	1.25B	9.56	2.69	0.794	0.315	0.344	0.705	0.367	0.578	1.82	14
15	0.870B	1.03 B	1.95B	10.3	2.41	0.559	0.302	0.339	0.710	0.338	0.547	2.86	15
16	0.855B	1.03 B	2.02B	11.9	2.28	0.891	0.293	0.336	0.492	0.329	0.546	5.01	16
17	0.840B	1.02 B	2.10B	15.2	1.94	0.779	0.291	0.311	0.427	0.326	0.549	4.85	17
18	0.838B	1.02 B	2.16B	16.6	1.77	0.730	0.294	0.295	0.472	0.313	0.534	4.26	18
19	0.820B	1.02 B	2.20B	14.8	1.75	0.772	0.338	0.300	0.471	0.321	0.523	3.13	19
20	0.812B	1.02 B	2.15B	15.7	1.76	1.14	0.342	0.299	0.454	0.330	0.518	2.92	20
21	0.808B	1.01 B	2.09B	25.7	1.68	1.41	0.308	0.255	0.557	0.376	0.551	2.83	21
22	0.794B	1.01 B	2.00B	20.0	1.56	1.56	0.296	0.244	0.454	0.333	0.592	2.74	22
23	0.795B	1.01 B	1.99B	17.7	1.38	1.94	0.297	0.255	0.429	0.328	0.586	2.55	23
24	0.795B	1.01 B	1.95B	15.4	1.53	1.66	0.300	0.250	0.436	0.325	1.31	2.72	24
25	0.795B	1.01 B	1.93B	13.8	1.62	1.41	0.301	0.318	0.458	0.324	1.20	4.11	25
26	0.795B	1.01 B	1.92B	12.1	1.64	1.29	0.303	0.342	0.464	0.330	1.10	7.41	26
27	0.795B	1.01 B	1.92B	10.2	1.57	1.20	0.301	0.285	0.530	0.320	1.16	5.03	27
28	0.792B	1.02 B	1.91B	8.96	1.63	1.09	0.307	0.274	0.580	0.322	0.921	5.07	28
29	0.798B		1.92B	8.09	2.37	0.979	0.316	0.292	0.598	0.340	1.06	5.68	29
30	0.801B		1.94B	7.26	2.31	0.804	0.321	0.281	0.470	0.337	1.34	4.90	30
31	0.811B		5.60B		2.77		0.399	0.308		0.360		4.54	31
TOTAL	26.062	27.220	52.22	332.33	88.47	40.235	11.816	9.728	22.490	12.005	24.012	100.26	TOTAL
MEAN	0.841	0.972	1.68	11.1	2.85	1.34	0.381	0.314	0.750	0.387	0.800	3.23	MEAN
MAX	1.04	1.03	5.60	25.7	6.40	2.84	0.673	0.368	1.37	0.587	1.73	7.41	MAX
MIN	0.625	0.817	1.00	6.54	1.38	0.559	0.291	0.244	0.338	0.313	0.420	1.47	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.05
MAXIMUM DAILY, 25.7 ON APR 2:
MINIMUM DAILY, 0.244 ON AUG 22
MAXIMUM INSTANTANEOUS,
29.2 AT 05:53 EST ON APR 21

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 18 44 N
LONG 76 15 39 W
DRAINAGE AREA, 203 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 250	JUL	1 020
FEB	2 350	AUG	840
MAR	4 510	SEP	1 940
APR	28 700	OCT	1 040
MAY	7 640	NOV	2 070
JUN	3 480	DEC	8 660

TOTAL DISCHARGE 64 500 dam³

INDIAN RIVER NEAR PEMBROKE - STATION NO. 02KC014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.45B	1.56B	1.61B	12.0 B	13.0	4.44	2.52	0.428E	0.620E	0.924E	0.902E	3.75E	1
2	2.35B	1.56B	1.62B	11.8 B	11.7	5.26	2.28	0.420E	0.900E	0.963E	0.900E	4.20E	2
3	2.30B	1.57B	1.62B	12.2 B	10.4	4.82	2.37	0.415E	1.25 E	1.00 E	0.940E	4.50E	3
4	2.38B	1.57B	1.63B	13.1 B	9.84	4.12	2.13	0.410E	1.42 E	1.03 E	1.70 E	5.01E	4
5	2.52B	1.57B	1.63B	11.8 B	9.06	3.73	1.89	0.409E	1.37 E	0.998E	2.52 E	6.60	5
6	2.46B	1.56B	1.63B	11.0 B	8.53	3.27	1.63	0.402E	1.30 E	0.960E	2.43 E	7.75	6
7	2.38B	1.56B	1.64B	10.3 B	8.28	3.02	1.49	0.400E	1.23 E	0.930E	2.28 E	7.28	7
8	2.30B	1.57B	1.65B	10.2 B	8.53	2.68	1.69	0.400E	1.13 E	0.940E	2.07 E	6.06B	8
9	2.22B	1.57B	1.65B	9.98B	8.97	2.37	1.48	0.397E	1.01 E	0.998E	1.95 E	4.30B	9
10	2.14B	1.57B	1.67B	10.0 B	8.01	2.18	1.31	0.410E	0.920E	1.03 E	1.93 E	3.90B	10
11	2.06B	1.56B	1.75B	10.5 B	7.18	2.02	1.21	0.370E	0.860E	1.05 E	2.06 E	3.73B	11
12	1.98B	1.57B	1.87B	11.3 B	6.77	1.98	1.16	0.364E	0.800E	1.01 E	2.14 E	3.51B	12
13	1.88B	1.57B	2.16B	11.2 B	6.04	1.75	1.09	0.355E	0.762E	0.982E	2.22 E	3.58B	13
14	1.92B	1.57B	2.37B	13.8 B	5.71	1.78	1.12	0.338E	0.750E	0.972E	2.19 E	3.90B	14
15	1.75B	1.57B	2.60B	17.3 B	5.37	1.78	1.01	0.335E	0.732E	0.973E	2.18 E	4.27B	15
16	1.68B	1.57B	2.62B	22.0 B	5.25	4.16	0.938	0.333E	0.755E	0.952E	2.11 E	4.87	16
17	1.62B	1.57B	2.65B	28.3	4.85	4.43	0.910	0.330E	0.824E	0.940E	2.08 E	4.20B	17
18	1.58B	1.57B	2.70B	40.5	4.69	3.55	0.967	0.332E	0.863E	0.939E	2.05 E	3.82B	18
19	1.54B	1.56B	2.72B	44.8	4.26	3.90	0.902	0.329E	0.890E	0.935E	2.03 E	3.70B	19
20	1.53B	1.56B	2.78B	37.0	4.12	7.60	0.900E	0.350E	0.904E	0.937E	2.07 E	3.62B	20
21	1.54B	1.55B	2.84B	32.7	3.93	7.07	0.820E	0.385E	0.921E	0.936E	2.10 E	3.58B	21
22	1.54B	1.55B	2.87B	28.4	3.72	6.91	0.722E	0.464E	0.938E	0.938E	2.12 E	3.50B	22
23	1.54B	1.58B	2.93B	28.6	3.64	6.74	0.650E	0.490E	0.939E	0.937E	2.13 E	3.43B	23
24	1.55B	1.58B	2.98B	23.5	3.71	5.47	0.602E	0.522E	0.920E	0.938E	2.16 E	3.45B	24
25	1.57B	1.59B	3.10B	24.7	3.88	4.84	0.550E	0.545E	0.915E	0.935E	2.18 E	4.63B	25
26	1.62B	1.59B	3.50B	25.3	3.80	4.39	0.508E	0.562E	0.880E	0.920E	2.11 E	7.60B	26
27	1.60B	1.60B	3.71B	23.7	3.64	3.67	0.470E	0.566E	0.879E	0.918E	2.05 E	7.91B	27
28	1.59B	1.60B	3.76B	20.2	3.35	3.17	0.440E	0.560E	0.881E	0.918E	2.55 E	8.37B	28
29	1.58B		3.80B	17.4	3.29	2.85	0.424E	0.553E	0.898E	0.917E	3.00 E	8.74B	29
30	1.57B		3.85B	14.8	3.25	3.00	0.428E	0.546E	0.910E	0.910E	3.50 E	8.57B	30
31	1.56B		6.01B		3.54		0.437E	0.540E		0.908E		8.42B	31
TOTAL	58.20	43.97	79.92	583.90	190.31	117.95	35.048	13.267	28.371	29.638	62.652	160.75	TOTAL
MEAN	1.88	1.57	2.58	19.5	6.14	3.93	1.13	0.428	0.946	0.956	2.09	5.19	MEAN
MAX	2.52	1.60	6.01	44.8	13.0	7.60	2.52	0.566	1.42	1.05	3.50	8.74	MAX
MIN	1.53	1.55	1.61	9.90	3.25	1.75	0.424	0.329	0.620	0.908	0.900	3.43	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.85
MAXIMUM DAILY, 44.8 ON APR 19
MINIMUM DAILY, 0.329E ON AUG 19
MAXIMUM INSTANTANEOUS,
46.7 AT 03:14 EST ON APR 19

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 47 07 N
LONG 77 08 18 W
DRAINAGE AREA, 443 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 030	JUL	3 030
FEB	3 800	AUG	1 150
MAR	6 910	SEP	2 450
APR	50 400	OCT	2 560
MAY	16 400	NOV	5 410
JUN	10 200	DEC	13 900

TOTAL DISCHARGE, 121 000 dam³

JACKSONS CREEK AT PETERBOROUGH - STATION NO. 02HJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.367	0.162	0.231	10.7	1.28	1.14	0.526	0.139	0.541	0.956	0.721	2.10	1
2	0.291	0.171	0.247	11.4	1.08	0.934	0.416	1.58	0.439	0.832	1.49	2.32	2
3	0.304	0.172	0.242	15.2	0.903	0.747	0.335	0.907	0.361	0.738	2.19	2.64	3
4	0.534	0.179	0.229	15.1	0.750	0.579	0.260	0.669	0.300	0.638	4.29	3.03	4
5	0.447	0.173	0.245	12.9	0.659	0.613	0.215	0.557	0.261	0.570	4.85	3.08	5
6	0.483	0.175	0.240	11.1	0.633	0.751	0.129E	0.436	0.236	0.517	4.74	3.49	6
7	0.463	0.175	0.253	8.59	0.587	0.869	0.119E	0.339	0.195	0.851	4.53	3.23	7
8	0.442	0.171	0.245	7.00	0.800	0.940	0.108E	0.301	0.160	0.830	4.01	3.05	8
9	0.412	0.178	0.262	6.00	0.826	0.922	0.138E	0.275	0.123	0.837	3.38	2.62	9
10	0.376	0.177	0.259	5.48	0.838	0.987	0.165E	0.226	0.130	1.70	2.70	2.05	10
11	0.330	0.156	0.345	5.41	0.812	0.803	0.150E	0.196	0.111	1.40	2.16	1.71	11
12	0.263	0.177	0.402	5.40	0.720	0.698	0.137E	0.178	0.099	1.04	1.92	1.18	12
13	0.227	0.172	0.819	6.14	0.624	1.10	0.129E	0.154	0.375	0.988	1.55	0.848	13
14	0.214	0.166	0.851	6.39	0.527	1.34	0.121E	0.153	0.373	1.01	1.35	0.831	14
15	0.204	0.184	1.12	7.05	0.462	1.68	0.117E	0.148	0.438	1.02	1.27	0.964	15
16	0.191	0.236	1.03	7.58	0.404	2.43	0.152E	0.136	0.230	0.897	1.13	1.95	16
17	0.182	0.206	1.07	8.26	0.321	2.15	0.234E	0.130	0.231	0.832	1.01	1.38	17
18	0.175	0.209	1.03	8.51	0.262	2.13	0.286E	0.120	0.845	0.778	0.917	1.46	18
19	0.162	0.228	1.12	8.00	0.234	2.33	0.221E	0.284	0.654	0.754	0.919	1.58	19
20	0.173	0.229	1.34	7.93	0.212	2.02	0.185E	0.329	0.629	0.826	0.896	1.34	20
21	0.177	0.232	1.44	7.40	0.240	1.71	0.483E	0.274	0.655	0.792	1.30	1.12	21
22	0.161	0.244	1.55	6.24	0.252	1.54	0.593	0.349	0.665	0.732	1.27	0.992	22
23	0.154	0.241	1.98	5.37	0.355	1.36	0.527	0.586	0.738	0.693	1.49	0.953	23
24	0.166	0.235	2.57	4.51	0.568	1.21	0.404	0.436	0.680	0.651	2.37	1.30	24
25	0.164	0.215	3.02	3.72	0.509	1.13	0.315	1.46	0.759	0.618	2.16	3.55	25
26	0.153	0.233	3.01	3.09	0.584	1.05	0.232	1.23	0.693	0.582	2.28	4.71	26
27	0.146	0.225	2.85	2.61	0.603	0.870	0.175	1.23	1.18	0.538	1.96	5.27	27
28	0.145	0.226	2.74	2.18	1.11	0.744	0.292	1.20	1.18	0.502	1.88	6.29	28
29	0.144		2.70	1.82	1.19	0.675	0.197	1.09	1.10	0.453	2.03	5.71	29
30	0.148		2.79	1.50	1.26	0.584	0.156	0.938	1.07	0.436	1.98	3.94	30
31	0.161		6.65		1.23		0.146	0.763		0.405		3.49	31
TOTAL	7.959	5.547	42.880	212.58	20.835	36.032	7.663	16.813	15.451	24.416	64.703	78.098	TOTAL
MEAN	0.257	0.198	1.38	7.09	0.672	1.20	0.247	0.542	0.515	0.788	2.16	2.52	MEAN
MAX	0.534	0.244	6.65	15.2	1.28	2.43	0.593	1.58	1.18	1.70	4.85	6.29	MAX
MIN	0.144	0.156	0.229	1.50	0.212	0.579	0.108	0.120	0.099	0.405	0.721	0.831	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.46
MAXIMUM DAILY, 15.2 ON APR 3
MINIMUM DAILY, 0.099 ON SEP 12
MAXIMUM INSTANTANEOUS,
17.1 AT 18:41 EST ON APR 3

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 18 10 N
LONG 78 19 14 W
DRAINAGE AREA, 110 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	688	JUL	662
FEB	479	AUG	1 450
MAR	3 700	SEP	1 330
APR	18 400	OCT	2 110
MAY	1 800	NOV	5 590
JUN	3 110	DEC	6 750

TOTAL DISCHARGE, 46 100 dam³

JOCK RIVER NEAR RICHMOND - STATION NO. 02LA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.55	0.815B	0.800B	75.5 B	8.21	2.07	1.68	0.400	0.260	0.894	0.553	7.18	1
2	1.55	0.792B	0.797B	73.0 B	6.95	2.56	1.32	0.825	0.306	0.949	0.516	8.66	2
3	1.63	0.780B	0.793B	69.6 B	6.23	2.62	1.04	1.07	0.376	1.17	0.555	12.3	3
4	1.72	0.805B	0.790B	63.5 B	5.84	2.35	0.921	0.799	0.404	1.19	1.36	16.8	4
5	2.10	0.780B	0.810B	56.2 B	5.37	2.04	0.803	0.551	0.360	1.12	6.53	17.0	5
6	2.35 B	0.795B	0.800B	48.0 B	4.66	1.95	0.652	0.379	0.343	0.916	9.23	15.5	6
7	2.54 B	0.780B	0.795B	40.5 B	4.07	2.40	0.537	0.268	0.396	0.770	7.77	13.5	7
8	2.43 B	0.779B	0.790B	34.5	4.02	2.39	0.490	0.241	0.479	0.753	6.14	11.5	8
9	2.30 B	0.778B	0.787B	29.8	6.74	1.93	0.408	0.273	0.507	0.820	5.21	8.13	9
10	2.17 B	0.777B	0.784B	30.8	8.00	1.73	0.340	0.220	0.400	0.912	4.68	5.84	10
11	2.04 B	0.776B	0.780B	33.3	7.01	1.69	0.321	0.177	0.305	0.942	4.36	5.31	11
12	1.93 B	0.775B	0.875B	33.5	6.11	1.59	0.343	0.154	0.248	0.910	4.17	4.14	12
13	1.81 B	0.774B	1.00 B	36.9	4.88	1.39	0.391	0.137	0.227	0.958	4.38	3.27	13
14	1.69 B	0.773B	1.52 B	40.8	4.15	1.23	0.393	0.120	0.284	0.896	4.39	2.90	14
15	1.58 B	0.772B	2.12	40.5	3.55	1.09	0.319	0.111	0.392	0.843	3.92	2.88	15
16	1.48 B	0.771B	2.84	41.3	3.09	1.15	0.262	0.123	0.557	0.859	3.46	8.84	16
17	1.39 B	0.770B	3.41	44.9	2.81	1.32	0.221	0.130	0.614	0.870	3.19	11.5	17
18	1.29 B	0.770B	3.69	48.5	2.51	1.24	0.202	0.119	0.587	0.880	3.01	10.6	18
19	1.21 B	0.800B	4.40 B	44.5	2.32	1.08	0.247	0.106	0.590	0.934	3.04	7.42	19
20	1.12 B	0.788B	5.00 B	39.0	2.11	1.15	0.251	0.091	0.689	0.833	2.84	5.31	20
21	1.04 B	0.775B	5.70 B	51.3	1.97	1.54	0.240	0.074	0.627	0.747	2.66	4.25	21
22	1.02 B	0.781B	6.00 B	46.9	1.79	2.83	0.221	0.072	0.583	0.721	2.79	3.85	22
23	1.02 B	0.798B	6.30 B	37.3	1.62	3.10	0.184	0.091	0.580	0.753	3.02	3.75	23
24	0.930B	0.801B	6.60 B	28.4	1.61	3.07	0.161	0.104	0.485	0.913	4.05	3.69	24
25	0.868B	0.802B	7.60 B	22.9	1.72	2.62	0.150	0.343	0.457	0.929	5.76	4.86	25
26	0.835B	0.800B	9.10 B	18.8	1.71	2.50	0.134	0.889	0.507	0.853	5.35	27.2	26
27	0.810B	0.798B	9.90 B	15.8	1.51	2.34	0.129	1.03	0.690	0.737	4.17	27.0	27
28	0.785B	0.796B	10.1 B	13.4	1.40	1.84	0.135	0.756	0.835	0.666	3.67	23.1	28
29	0.761B		10.4 B	11.4	1.53	1.54	0.167	0.507	1.04	0.616	3.56	25.3	29
30	0.770B		10.9 B	9.67	1.60	1.66	0.155	0.367	1.04	0.616	4.68	21.0	30
31	0.760B		21.8 B		1.57		0.207	0.309		0.588		16.6	31
TOTAL	45.479	22.001	137.981 I	180.47	116.66	58.01	13.024	10.836	15.168	26.558	119.018	339.18	TOTAL
MEAN	1.47	0.786	4.45	39.3	3.76	1.93	0.420	0.350	0.506	0.857	3.97	10.9	MEAN
MAX	2.54	0.815	21.8	75.5	8.21	3.10	1.68	1.07	1.04	1.19	9.23	27.2	MAX
MIN	0.760	0.770	0.780	9.67	1.40	1.08	0.129	0.072	0.227	0.588	0.516	2.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.71
MAXIMUM DAILY, 75.5B ON APR 1
MINIMUM DAILY, 0.072 ON AUG 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 15 00 N
LONG 75 47 28 W
DRAINAGE AREA, 559 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 930	JUL	1 130
FEB	1 980	AUG	936
MAR	11 980	SEP	1 310
APR	102 000	OCT	2 290
MAY	10 100	NOV	10 300
JUN	5 010	DEC	29 300

TOTAL DISCHARGE, 180 800 dam³

JUNCTION CREEK AT SUDBURY - STATION NO. 02CF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.130B	0.150B	0.180B	6.40B	1.03	2.24	0.468	0.105	1.86	0.700	0.973	0.750B	1
2	0.130B	0.150B	0.180B	6.40B	0.943	1.28	0.247	0.118	1.03	1.31	1.25	2.67	2
3	0.130B	0.160B	0.180B	7.00B	0.832	0.753	0.132	0.103	0.968	0.649	1.25	3.53	3
4	0.170B	0.160B	0.180B	6.00B	0.755	0.580	0.091	0.101	0.416	0.565	1.22	3.37	4
5	0.230B	0.160B	0.180B	5.00B	0.711	0.485	0.082	0.101	1.21	0.559	1.12	3.91	5
6	0.225B	0.160B	0.180B	4.10B	0.775	0.440	0.226	0.101	1.48	0.879	0.962	4.38	6
7	0.215B	0.170B	0.180B	3.50B	0.836	0.382	0.142	0.095	0.806	6.50	0.874	3.00 B	7
8	0.205B	0.170B	0.180B	2.90B	0.882	0.352	0.138	0.107	0.514	5.87	0.823	1.60 B	8
9	0.200B	0.170B	0.180B	3.30B	0.710	0.438	0.103	0.117	0.377	4.47	0.739	1.05 B	9
10	0.190B	0.180B	0.180B	3.90B	0.614	1.22	0.086	0.103	0.439	3.66	0.757	0.820B	10
11	0.180B	0.180B	0.300B	4.60B	0.540	0.287	0.350	0.089	0.355	3.03	0.896	0.660B	11
12	0.170B	0.180B	0.500B	5.50B	0.612	0.190	0.334	0.085	0.386	2.42	5.01	0.550B	12
13	0.155B	0.180B	1.10 B	9.81	0.528	0.179	0.236	0.108	0.437	1.79	4.69	0.500B	13
14	0.150B	0.180B	0.950B	10.7	0.529	0.190	0.127	0.102	1.00	1.61	3.66 B	0.461B	14
15	0.150B	0.180B	0.800B	10.9	0.440	0.284	0.113	0.094	0.447	1.46	2.75 B	0.440B	15
16	0.150B	0.183B	0.740B	10.8	0.453	0.246	0.743	0.162	0.543	1.09	2.13	0.440B	16
17	0.150B	0.185B	0.730B	11.4	0.481	0.216	0.208	0.168	1.21	0.864	1.71	0.370B	17
18	0.150B	0.185B	0.720B	10.7	0.624	0.203	0.130	0.183	2.05	0.831	1.48	0.360B	18
19	0.150B	0.185B	0.710B	9.44	0.888	0.591	0.113	0.295	1.04	0.848	1.41	0.350B	19
20	0.150B	0.185B	0.710B	7.25	0.697	0.373	0.121	0.117	1.42	2.12	1.82	0.330B	20
21	0.150B	0.185B	0.740B	5.27	0.581	0.282	0.101	0.095	1.39	2.22	2.77	0.300B	21
22	0.150B	0.185B	0.770B	4.48	0.499	0.513	0.083	0.892	1.04	1.69	2.64	0.295B	22
23	0.150B	0.185B	0.830B	4.55	0.434	0.337	0.078	0.498	0.772	1.85	2.35	0.310B	23
24	0.150B	0.185B	0.820B	4.67	0.471	0.278	0.086	0.228	0.850	1.14	1.75 B	0.600B	24
25	0.150B	0.185B	0.790B	4.40	0.453	0.199	0.068	0.175	1.46	0.994	1.25 B	3.00 B	25
26	0.150B	0.180B	0.750B	3.70	0.388	0.171	0.070	0.155	0.961	0.892	0.870B	4.47	26
27	0.150B	0.180B	0.730B	2.96	0.444	0.147	0.088	0.371	0.755	0.741	0.660B	4.48	27
28	0.150B	0.180B	0.710B	2.33	0.876	0.140	0.112	0.180	0.692	0.972	0.670B	6.54	28
29	0.150B		0.700B	1.77	0.608	0.138	0.109	0.131	0.554	2.74	0.680B	6.20 B	29
30	0.150B		1.50 B	1.35	0.398	0.136	0.146	0.118	0.433	3.15	0.680B	5.40 B	30
31	0.150B		6.80 B		0.350		0.109	0.115		1.62		3.00 B	31
TOTAL	5.030	4.918	24.200	175.08	19.382	13.230	5.240	5.812	26.895	59.234	49.844	68.076	TOTAL
MEAN	0.162	0.176	0.781	5.84	0.625	0.441	0.169	0.175	0.897	1.91	1.66	2.07	MEAN
MAX	0.230	0.185	6.80	11.4	1.03	2.24	0.743	0.892	2.05	6.50	5.01	6.54	MAX
MIN	0.130	0.150	0.180	1.35	0.350	0.136	0.068	0.085	0.355	0.559	0.660	0.295	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.24
MAXIMUM DAILY, 11.4 ON APR 17
MINIMUM DAILY, 0.068 ON JUL 25
MAXIMUM INSTANTANEOUS,
15.1 AT 09:06 EST ON OCT 7

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 29 20 N
LONG 80 59 45 W
DRAINAGE AREA, 89.1 km²

B - ICE CONDITIONS

REGULATED SINCE 1971

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	435	JUL	453
FEB	425	AUG	462
MAR	2 090	SEP	2 320
APR	15 100	OCT	5 120
MAY	1 670	NOV	4 310
JUN	1 140	DEC	5 540

TOTAL DISCHARGE, 33 100 dam³

JUNCTION CREEK BELOW KELLEY LAKE - STATION NO. 02CF012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.80	1.33	1.45	15.5	9.14	1.98	0.495	0.430	1.48	2.18	2.99	2.43	1
2	1.85	1.27	1.37	14.0	7.93	2.73	0.570	0.456	2.36	2.18	2.76	3.13	2
3	1.88	1.25	1.31	14.5	7.25	2.41	0.569	0.398	2.45	2.13	2.66	5.72	3
4	2.25	1.20	1.31	14.9	6.37	1.86	0.441	0.394	2.22	2.08	2.42	6.56	4
5	2.22	1.21	1.41	12.5	4.93	1.64	0.409	0.372	2.26	2.01	2.25	6.50	5
6	1.97	1.22	1.47	10.6	3.66	1.45	0.477	0.312	3.28	2.07	2.23	7.86	6
7	1.84	1.22	1.41	9.08	3.17	1.34	0.576	0.329	2.65	5.24	2.25	7.81	7
8	1.77	1.21	1.40	8.04	3.02	1.29	0.582	0.377	2.13	9.92	2.17	6.80	8
9	1.68	1.17	1.48	7.83	2.64	1.13	0.474	0.416	1.77	9.53	2.08	5.19	9
10	1.63	1.12	1.41	8.81	2.06	1.16	0.420	0.386	1.60	7.55	1.98	4.40	10
11	1.69	1.09	1.37	10.5	1.87	1.03	0.388	0.403	1.49	6.21	1.94	3.74	11
12	1.67	1.11	1.38	11.3	1.88	0.982	0.427	0.521	1.33	5.35	3.98	3.25	12
13	1.52	1.11	2.27	15.5	1.59	0.873	0.554	0.527	1.35	4.59	7.22	2.98	13
14	1.44	1.09	2.79	18.9	1.45	0.842	0.501	0.478	1.93	3.98	6.73	2.77	14
15	1.39	1.12	2.89	19.2	1.35	0.849	0.448	0.485	1.83	3.80	5.36	2.55	15
16	1.40	1.23	3.06	19.0	1.38	0.875	0.687	0.510	1.65	3.31	4.39	2.43	16
17	1.36	1.13	2.99	19.5	1.24	0.814	0.801	0.620	1.69	2.91	4.01	2.30	17
18	1.31	1.09	3.23	21.2	1.12	0.795	0.799	0.462	2.74	2.58	3.68	2.13	18
19	1.30	1.14	3.32	22.3	1.37	0.927	0.779	0.481	2.84	2.51	3.35	2.18	19
20	1.40	1.17	3.13	21.2	1.69	1.03	0.601	0.695	2.95	2.94	3.23	2.11	20
21	1.38	1.25	3.06	18.9	1.48	1.06	0.442	0.623	3.28	4.26	3.83	2.06	21
22	1.32	1.23	3.30	16.7	1.18	1.05	0.409	0.941	3.14	4.08	4.21	2.09	22
23	1.32	1.31	3.65	15.9	0.959	0.964	0.407	1.59	2.86	3.90	4.23	2.09	23
24	1.32	1.29	3.99	15.8	0.860	0.852	0.371	1.36	2.77	3.28	4.02	2.24	24
25	1.26	1.25	4.17	15.5	0.858	0.821	0.369	1.11	3.05	2.85	3.34	4.15	25
26	1.21	1.24	4.05	14.8	0.896	0.836	0.395	1.01	2.92	2.57	3.03	8.71	26
27	1.20	1.24	3.76	13.6	0.915	0.736	0.382	1.14	2.82	2.25	2.80	8.79	27
28	1.21	1.32	3.61	12.4	1.04	0.646	0.369	0.998	2.64	2.09	2.40	9.79	28
29	1.24		3.59	11.3	1.24	0.636	0.315	0.919	2.22	2.55	2.40	12.3	29
30	1.25		3.74	10.2	1.11	0.513	0.325	0.979	2.17	3.39	2.32	10.2	30
31	1.26		9.50		1.06		0.349	1.03		3.49		8.12	31
TOTAL	47.34	33.61	86.87	439.46	76.708	34.121	15.131	20.752	69.87	117.78	100.06	153.34	TOTAL
MEAN	1.53	1.20	2.80	14.6	2.47	1.14	0.488	0.669	2.33	3.80	3.34	4.95	MEAN
MAX	2.25	1.33	9.50	22.3	9.14	2.73	0.801	1.59	3.28	9.92	7.22	12.3	MAX
MIN	1.20	1.09	1.31	7.83	0.858	0.513	0.315	0.312	1.33	2.01	1.94	2.06	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.27
MAXIMUM DAILY, 22.3 ON APR 19
MINIMUM DAILY, 0.312 ON AUG 6
MAXIMUM INSTANTANEOUS,
22.5 AT 10:51 EST ON APR 19

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 25 39 N
LONG 81 05 50 W
DRAINAGE AREA, 207 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 090	JUL	1 310
FEB	2 980	AUG	1 790
MAR	7 510	SEP	6 040
APR	38 000	OCT	10 200
MAY	6 630	NOV	8 650
JUN	2 950	DEC	13 200

TOTAL DISCHARGE, 103 000 dam³

REMARKS - DATA PRIOR TO 1980 CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT AND FORMERLY PUBLISHED UNDER STA. NO. 02CF106

KABINAKAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY		JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.60B	7.05B	5.75B	5.70B	120	B	95.3	48.8	55.9	24.5	68.6	138	84.0B	1
2	8.55B	7.00B	5.70B	5.70B	150	B	97.2	45.3	53.5	23.9	68.1	131	80.5B	2
3	8.50B	7.00B	5.65B	5.75B	191		97.2	43.4	50.9	25.4	66.0	125	79.5B	3
4	8.45B	6.95B	5.63B	5.80B	203		94.2	41.0	49.1	36.2	65.6	121	86.0B	4
5	8.45B	6.90B	5.60B	5.85B	214		89.3	39.1	47.6	45.5	64.0	118	90.0B	5
6	8.40B	6.80B	5.60B	5.96B	220		85.0	37.8	46.0	49.4	62.1	116	85.0B	6
7	8.35B	6.75B	5.58B	6.00B	219		80.1	38.0	44.7	49.6	62.8	114	81.0B	7
8	8.30B	6.70B	5.57B	6.10B	211		75.2	39.6	43.8	46.7	74.5	111	78.0B	8
9	8.25B	6.65B	5.55B	6.20B	196		72.1	41.1	42.9	43.5	85.6	108	74.0B	9
10	8.20B	6.60B	5.53B	6.35B	180		70.0	41.5	44.0	41.3	89.3	103	71.0B	10
11	8.15B	6.55B	5.50B	6.45B	168		68.0	41.1	44.7	38.8	90.5	102	68.0B	11
12	8.05B	6.50B	5.47B	6.55B	161		68.3	72.7	44.4	36.4	90.6	102	66.0B	12
13	8.00B	6.45B	5.45B	6.70B	152		69.1	136	43.1	34.7	90.1	99.8	63.5B	13
14	8.00B	6.40B	5.44B	6.80B	144		67.5	144	41.5	35.0	90.9	95.0	60.5B	14
15	7.98B	6.40B	5.43B	7.00B	139		65.3	143	40.1	41.7	94.2	93.9	59.0B	15
16	7.95B	6.35B	5.42B	7.10B	135		64.3	135	38.6	45.3	97.1	91.5B	57.0B	16
17	7.90B	6.30B	5.42B	7.30B	130		63.0	136	37.3	45.4	96.8	90.0B	55.5B	17
18	7.85B	6.25B	5.42B	7.50B	125		60.6	134	35.8	45.5	95.2	88.0B	54.0B	18
19	7.80B	6.22B	5.42B	7.70B	123		59.0	123	34.6	47.3	99.8	87.0B	52.5B	19
20	7.75B	6.20B	5.42B	7.90B	122		56.9	112	34.3	53.9	107	85.5B	51.0B	20
21	7.70B	6.15B	5.45B	8.00B	121		55.5	98.6	34.1	82.8	116	84.0B	50.5B	21
22	7.65B	6.07B	5.48B	8.30B	119		54.2	90.4	32.8	96.7	116	82.0B	49.5B	22
23	7.60B	6.00B	5.50B	8.60B	116		54.8	85.0	31.9	96.7	117	81.0B	48.5B	23
24	7.55B	5.95B	5.50B	9.10B	112		55.2	79.6	31.4	93.4	117	80.5B	47.5B	24
25	7.50B	5.90B	5.50B	10.0 B	109		55.2	75.0	30.6	86.3	121	80.0B	47.0B	25
26	7.45B	5.85B	5.55B	13.0 B	105		58.1	70.7	30.0	78.5	126	90.0B	46.0B	26
27	7.40B	5.83B	5.58B	24.0 B	102		59.1	66.8	29.2	71.8	128	103 B	45.5B	27
28	7.30B	5.80B	5.60B	50.0 B	98.2		57.3	65.3	28.1	66.6	131	101 B	44.5B	28
29	7.20B		5.60B	66.0 B	94.5		54.9	63.4	26.9	63.4	137	96.0B	44.0B	29
30	7.15B		5.60B	84.0 B	91.1		51.9	60.9	25.9	66.0	142	90.0B	43.0B	30
31	7.10B		5.65B		91.2			58.7	25.2		142		42.5B	31
TOTAL	245.08	179.57	171.56	413.41	4 462.0		2 053.8	2 406.4	1 198.9	1 612.2	3 049.8	3 007.2	1 904.6	TOTAL
MEAN	7.91	6.41	5.53	13.8	144		68.5	77.6	38.7	53.7	98.4	100	61.4	MEAN
MAX	8.60	7.05	5.75	86.0	220		97.2	144	55.9	96.7	142	138	90.0	MAX
MIN	7.10	5.80	5.42	5.70	91.1		51.9	37.8	25.2	23.9	62.1	80.0	42.5	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 56.7
MAXIMUM DAILY, 220 ON MAY 6
MINIMUM DAILY, 5.42B ON MAR 16
MAXIMUM INSTANTANEOUS,
220 AT 15:42 EST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 44 39 N
LONG 84 06 13 W
DRAINAGE AREA, 3 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 200	JUL	208 000
FEB	15 500	AUG	104 000
MAR	14 800	SEP	139 000
APR	35 700	OCT	264 000
MAY	386 000	NOV	260 000
JUN	177 000	DEC	165 000

TOTAL DISCHARGE, 1 790 000 dam³

KAMINISTIKWIA RIVER AT KAKABEKA FALLS POWERHOUSE - STATION NO. 02AB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.8	46.0	22.6	19.3	87.9	38.4	25.8	38.3	31.2	50.7	96.7	87.9	1
2	26.8	46.0	21.4	20.8	75.5	32.4	20.9	35.8	32.1	51.5	93.3	86.4	2
3	26.8	46.0	21.0	20.4	68.0	29.5	22.8	55.0	30.6	53.2	92.7	88.7	3
4	30.6	46.0	18.8	18.6	62.4	27.0	26.4	111	26.8	52.4	90.5	88.8	4
5	40.0	46.0	18.8	24.0	66.5	25.0	29.7	103	22.6	52.8	89.1	85.9	5
6	43.1	46.0	18.8	21.2	76.6	22.2	264	98.1	18.3	50.6	88.0	84.6	6
7	43.5	46.0	18.6	19.6	70.1	20.3	325	105	18.0	100	74.9	74.6	7
8	43.9	46.0	18.4	20.3	58.5	19.9	317	97.9	17.9	90.6	83.3	71.7	8
9	43.9	46.0	20.1	19.0	50.2	17.8	229	95.1	17.5	72.1	83.1	71.9	9
10	43.9	46.0	18.8	18.6	47.8	23.8	170	97.7	17.7	97.2	83.1	74.7	10
11	43.9	46.0	20.6	18.7	90.0	21.5	136	106	18.2	185	82.1	66.3	11
12	44.5	44.3	20.0	17.3	83.0	28.5	124	106	17.8	167	82.9	71.6	12
13	42.3	42.6	20.5	18.6	74.6	23.4	132	107	24.1	167	77.9	72.4	13
14	41.5	42.1	20.5	20.1	94.9	17.6	139	98.3	43.2	146	77.7	71.1	14
15	44.3	41.9	19.4	20.2	119	26.2	119	97.3	45.2	138	78.6	69.0	15
16	43.9	40.3	19.0	22.1	107	26.8	108	95.7	49.3	127	77.7	68.0	16
17	43.9	26.7	19.3	25.8	99.0	23.3	110	80.8	34.6	119	75.5	67.1	17
18	43.9	20.4	19.0	24.0	103	24.2	116	67.6	30.3	116	76.9	70.2	18
19	43.9	21.4	19.5	24.9	113	22.8	120	69.2	29.4	119	79.6	72.3	19
20	43.9	21.4	20.0	27.5	104	21.6	107	62.7	30.2	119	115	70.8	20
21	43.9	21.9	18.8	28.6	85.8	20.5	87.8	52.5	42.9	113	202	67.8	21
22	43.9	22.5	18.7	35.1	75.9	19.8	80.3	51.0	49.1	108	149	67.1	22
23	43.9	19.0	20.3	79.9	70.8	18.6	72.7	53.5	33.9	95.1	129	68.1	23
24	43.9	17.8	20.3	148	64.1	17.8	69.7	50.0	33.6	92.9	119	68.5	24
25	43.9	20.3	20.3	221	56.8	17.9	74.3	44.1	34.6	97.3	110	66.7	25
26	43.9	20.0	20.3	216	48.5	17.5	68.4	38.5	38.3	96.6	96.5	66.7	26
27	43.9	19.4	19.0	153	43.9	21.0	52.8	30.3	39.2	90.5	89.1	65.5	27
28	44.8	19.9	20.2	122	42.6	18.3	54.5	29.5	47.1	87.8	85.5	66.9	28
29	43.9		20.2	109	40.5	17.4	79.9	30.4	48.9	91.6	83.9	64.8	29
30	45.7		20.2	100	40.5	17.8	81.8	29.4	49.4	100	84.3	64.7	30
31	46.0		20.3		37.7		49.4	31.0		101		64.6	31
TOTAL	1 293.0	967.9	613.7	1 633.6	2 258.1	678.8	3 433.2	2 167.7	973.0	3 105.9	2 846.9	2 243.7	TOTAL
MEAN	41.7	34.6	19.8	54.5	72.8	22.6	111	69.9	32.4	100	94.9	72.4	MEAN
MAX	46.0	46.0	22.6	221	119	38.4	325	111	49.4	167	202	88.8	MAX
MIN	26.8	17.8	18.4	17.3	37.7	17.4	20.9	29.4	17.5	50.6	78.9	64.6	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 60.9
MAXIMUM DAILY, 325 ON JUL 7
MINIMUM DAILY, 17.3 ON APR 12

DATA CONTRIBUTED BY -
ONTARIO HYDRO

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 24 56 N
LONG 89 37 51 W
DRAINAGE AREA, 6 710 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	112 000	JUL	287 000
FEB	83 600	AUG	187 000
MAR	53 000	SEP	84 000
APR	141 000	OCT	268 000
MAY	195 000	NOV	246 000
JUN	58 600	DEC	194 000

TOTAL DISCHARGE, 1 928 000 dam³

KAMINISTIKWIA RIVER AT KAMINISTIKWIA - STATION NO. 02AB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	88.5	102	23.2	21.8	77.7	38.8	27.0	49.4	33.3	54.9	101	95.3	1
2	85.5	103	28.1	22.6	70.0	31.2	23.5	48.9	34.3	56.6	98.4	91.1	2
3	86.5	102	22.8	21.1	63.2	29.6	24.8	59.9	34.2	59.8	97.1	93.6	3
4	103 B	101	22.5	23.6	59.6	28.0	28.7	95.8	28.7	59.6	96.9	92.8	4
5	104 B	101	22.7	23.9	65.7	26.3	31.5	104	22.8	54.4	96.7	89.8	5
6	105 B	99.4	23.8	22.1	69.0	24.6	216	105	21.6	55.0	95.4	88.0	6
7	106 B	100	21.8	21.7	66.2	23.8	292	111	21.6	79.4	82.5	81.6	7
8	106 B	99.0	23.4	21.2	56.5	21.2	288	109	20.9	80.7	92.0	79.6	8
9	106 B	97.2	23.1	19.8	48.0	23.2	220	108	20.8	68.6	90.3	78.6	9
10	106 B	95.9	23.2	20.4	48.4	24.9	172	104	21.3	85.1	89.3	79.6	10
11	107 B	95.0	23.3	19.1	80.5	24.8	144	109	20.9	145	89.3	76.0	11
12	107 B	91.3	23.3	19.4	74.4	26.7	126	116	20.6	161	89.1	76.6	12
13	107 B	87.7	22.8	19.8	66.4	22.8	125	114	25.7	163	86.2	77.8	13
14	107 B	87.4	22.7	20.0	82.6	23.2	129	112	49.3	148	86.0	77.7	14
15	106	90.7	22.1	19.6	110	25.4	123	110	51.0	145	86.6	76.1	15
16	99.4	79.8	22.6	21.1	100	26.0	113	107	51.5	135	85.9	75.3	16
17	101	39.3	21.0	21.2	91.6	25.4	113	88.0	34.8	126	84.7	75.6	17
18	104	27.9	22.1	20.7	96.3	24.3	137	74.3	33.0	122	85.4	77.0	18
19	104	25.8	21.4	21.7	104	22.9	126	74.2	32.7	124	85.2	78.1	19
20	100	24.6	21.8	23.4	97.9	21.7	111	65.8	32.4	123	110	76.2	20
21	99.5	23.9	20.6	24.5	89.0	21.6	101	56.8	51.4	120	177	75.1	21
22	99.2	23.2	22.0	30.7	79.6	21.8	93.4	57.4	54.1	116	147	74.5	22
23	103	21.5	21.5	62.7	71.9	21.3	87.0	58.2	36.0	104	137	75.4	23
24	104	23.1	21.3	124	66.3	20.5	87.8	53.8	35.9	103	125	75.6	24
25	106	23.1	21.5	186	61.6	20.2	90.9	47.2	39.9	107	113	74.5	25
26	106	22.1	20.7	184	50.2	21.3	79.6	41.5	42.8	105	102	73.6	26
27	105	22.7	20.4	142	46.5	23.1	69.2	35.6	46.4	96.8	96.0	72.5	27
28	107	23.2	21.9	111	44.3	19.6	65.9	33.3	51.9	93.8	92.8	73.7	28
29	106		21.2	96.8	42.4	19.9	94.0	32.6	52.9	96.0	91.5	76.9	29
30	105		21.2	88.0	42.3	25.2	96.5	32.4	54.3	103	93.7	80.1	30
31	104		20.2		39.6		55.0	32.6		104		80.8	31
TOTAL	3 183.6	1 832.8	689.2	1 473.9	2 161.7	729.3	3 490.8	2 348.7	1 077.0	3 194.7	3 003.8	2 468.3	TOTAL
MEAN	103	65.5	22.2	49.1	69.7	24.3	113	75.6	35.9	103	100	79.6	MEAN
MAX	107	103	28.1	186	110	38.8	292	116	54.3	163	177	95.3	MAX
MIN	85.5	21.5	20.2	19.1	39.6	19.6	23.5	32.4	20.6	54.4	82.5	72.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.3
MAXIMUM DAILY, 292 ON JUL 7
MINIMUM DAILY, 19.1 ON APR 11
MAXIMUM INSTANTANEOUS,
319 AT 17:40 EST ON JUL 6

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 31 58 N
LONG 89 35 39 W
DRAINAGE AREA, 6 480 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	275 000	JUL	302 000
FEB	158 000	AUG	203 000
MAR	59 500	SEP	93 100
APR	127 000	OCT	276 000
MAY	187 000	NOV	259 000
JUN	63 000	DEC	213 000

TOTAL DISCHARGE, 2 220 000 dam³

KAMINISTIKWIA RIVER AT OUTLET OF DOG LAKE - STATION NO. 02AB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.9	44.8	15.4	12.8	0	0	9.00	15.3	20.8	43.1	54.6	53.5	1
2	23.8	44.7	16.4	15.1	0.280	0	12.0	16.3	21.7	45.0	54.7	52.3	2
3	25.2	44.6	12.8	13.2	0	0	4.20	38.3	21.0	43.9	54.7	52.7	3
4	36.6	44.6	13.6	15.8	0.600	0	3.50	56.1	9.10	39.9	54.6	52.8	4
5	42.1	44.7	13.0	14.1	0	0	0	68.3	8.40	35.0	54.8	52.8	5
6	43.2	44.8	13.5	14.6	0	0.300E	0	86.6	6.90	34.6	50.8	52.9	6
7	44.0	44.8	14.8	12.7	0	0.600	0	85.4	8.70	0.500	46.9	53.0	7
8	44.0	44.7	16.0	13.3	0	2.40	0	85.4	8.60	0	54.7	53.1	8
9	44.2	44.8	12.4	13.2	0	7.80	0	85.5	9.70	0	53.3	53.0	9
10	44.3	44.6	16.2	10.9	0	8.40 E	0	84.8	9.30	26.0	53.9	53.0	10
11	44.1	43.9	13.8	11.3	0	9.00	0	83.5	8.20	41.6	53.5	53.0	11
12	43.7	42.5	14.3	11.2	0	7.71 E	0 E	82.3	9.30	50.4	53.5	53.1	12
13	38.1	41.3	14.0	11.7	0	6.43 E	0	82.2	28.3	54.1	53.6	53.0	13
14	43.7	41.7	16.2	11.3	0	5.14 E	0	80.5	40.4	54.1	53.8	53.0	14
15	44.8	41.6	13.3	5.80	0	3.86 E	0	79.6	42.1	54.0	54.0	52.8	15
16	44.7	32.5	15.2	0	0	2.57 E	1.59E	66.6	35.1	54.2	54.0	52.8	16
17	44.6	17.0	11.8	0 E	0.080E	1.29 E	3.18E	43.6	21.5	54.1	53.7	52.9	17
18	44.8	16.9	16.1	0	0.160E	0	4.77E	41.8	19.7	54.4	53.7	52.8	18
19	44.7	16.7	15.3	0	0.240E	0	6.36E	40.7	19.9	54.2	53.8	52.4	19
20	44.6	16.5	11.5	0	0.320E	0	7.94E	40.3	26.3	54.1	53.7	52.6	20
21	44.6	16.8	15.6	0	0.480	0	9.53E	41.8	43.2	54.1	56.6	52.6	21
22	44.5	13.8	15.1	0	0	0	11.1 E	42.4	33.4	54.1	46.8	52.5	22
23	44.6	15.7	15.6	0	0	0	12.7 E	40.2	25.3	41.5	54.7	52.4	23
24	44.3	14.7	13.7	0	0	0	14.3	36.7	24.1	54.3	54.7	52.3	24
25	44.4	16.6	13.3	0	0	1.80	12.3	29.7	32.5	54.7	54.2	52.4	25
26	44.4	14.7	14.6	0	0	6.88	0	20.7	33.3	54.7	53.3	52.4	26
27	44.1	15.5	15.2	0.200E	0	3.58	0	20.1	40.5	54.7	52.9	52.5	27
28	44.6	16.9	15.1	0.400E	0	2.00	16.6	20.1	41.9	54.9	52.4	52.7	28
29	44.7		12.8	0.600	0	0.30	42.0	20.4	42.8	54.7	52.5	52.5	29
30	44.4		15.2	0.300E	0	19.0	26.1	20.9	43.7	54.6	53.6	52.7	30
31	44.5		13.0		0		14.9	21.1		54.8		52.6	31
TOTAL	1 298.2	882.4	444.8	188.180	2.000	96.900	212.07	1 577.2	734.70	1 380.300	1 603.0	1 635.1	TOTAL
MEAN	41.9	31.5	14.3	6.27	0.065	3.23	6.84	50.9	24.5	44.5	53.4	52.7	MEAN
MAX	44.8	44.8	16.4	15.8	0.600	19.0	42.0	86.6	43.2	54.9	56.6	53.5	MAX
MIN	23.8	13.8	11.5	0	0	0	0	15.3	6.90	0	46.8	52.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.5
MAXIMUM DAILY, 86.6 ON AUG 6
MINIMUM DAILY, 0 ON APR 16

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 52 30 N
LONG 89 36 00 W
DRAINAGE AREA, 3 760 km²

DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	112 000	JUL	18 300
FEB	76 200	AUG	136 000
MAR	38 400	SEP	63 500
APR	16 300	OCT	119 000
MAY	173	NOV	138 000
JUN	8 370	DEC	141 000

TOTAL DISCHARGE, 867 000 dam³

KAPUSKASING RIVER AT KAPUSKASING - STATION NO. 04LP001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.8	11.8	10.2	13.3	354	77.6	34.5	57.8	6.51	98.6	190	85.8	1
2	16.2	9.15	13.6	9.20	466	76.7	33.2	52.9	9.03	82.1	169	85.8	2
3	13.2	8.10	13.6	13.6	490	72.8	32.8	46.6	11.0	88.4	166	85.8	3
4	10.1	18.1	13.6	9.20	512	64.6	31.2	45.9	18.1	76.5	160	85.8	4
5	18.7	6.99	13.6	15.7	537	62.9	30.2	42.7	11.0	69.9	189	84.8	5
6	10.1	13.2	13.6	10.1	535	62.9	31.1	43.0	18.1	64.1	163	84.8	6
7	17.1	14.0	13.6	20.3	530	61.1	26.9	43.6	18.1	75.3	152	84.8	7
8	9.34	8.18	13.6	7.67	496	55.2	29.6	40.7	18.1	106	141	84.8	8
9	17.1	12.0	13.6	20.7	482	50.4	28.6	41.3	18.1	131	130	84.8	9
10	14.0	10.6	13.6	9.20	390	49.3	26.6	37.5	9.68	135	122	84.8	10
11	6.99	10.6	13.6	9.97	350	44.7	29.6	36.8	9.68	133	119	84.8	11
12	16.5	5.30	13.6	9.00	305	45.9	66.2	33.0	14.1	126	110	47.7	12
13	9.49	13.6	13.6	21.9	281	45.9	96.2	32.6	9.68	117	110	47.7	13
14	15.3	12.1	13.6	9.74	249	45.9	101	30.6	15.1	126	109	47.7	14
15	8.61	7.53	13.6	15.5	229	45.4	104	28.6	17.4	127	117	47.7	15
16	16.5	8.10	15.3	24.8	211	43.6	107	28.6	11.4	137	112	47.7	16
17	21.7	15.2	18.0	26.2	187	43.6	115	28.6	18.7	134	111	47.7	17
18	16.1	7.08	13.6	30.6	181	37.0	113	17.1	25.0	134	101	47.7	18
19	10.3	11.9	13.8	38.9	166	37.5	107	12.1	31.0	152	103	47.7	19
20	7.65	11.9	13.6	36.6	174	39.1	92.7	17.8	84.1	198	116	47.7	20
21	16.2	11.9	13.6	39.1	160	39.3	90.4	18.0	186	234	169	47.7	21
22	7.65	11.9	13.6	38.2	158	39.1	99.8	17.8	161	247	174	47.7	22
23	18.1	11.9	12.7	48.1	141	36.8	72.9	12.3	157	242	169	47.7	23
24	4.62	11.9	12.7	50.7	135	37.9	82.7	18.1	148	237	138	47.7	24
25	15.2	11.9	13.3	85.0	119	36.8	90.6	10.8	132	244	130	47.7	25
26	9.29	10.2	13.6	127	114	40.4	79.3	12.1	114	244	113	48.5	26
27	10.7	10.2	13.6	148	106	45.2	77.0	16.6	105	240	104	48.5	27
28	14.6	10.2	13.6	197	98.3	44.7	68.2	9.83	89.0	238	90.9	48.5	28
29	11.0		13.6	245	93.7	40.0	59.8	9.46	91.2	243	95.9	48.5	29
30	9.20		13.6	317	88.7	41.3	62.4	14.4	92.1	235	87.1	48.5	30
31	14.5		21.5		78.2		58.5	18.1		217		48.5	31
TOTAL	398.84	305.53	438.3	1 647.28	8 376.9	1 463.6	2 078.0	875.29	1 605.18	4 915.9	3 931.9	1 847.6	TOTAL
MEAN	12.9	10.9	13.9	54.9	270	48.8	67.0	28.2	53.5	159	131	59.6	MEAN
MAX	21.7	18.1	21.5	317	537	77.6	115	57.8	161	247	190	85.8	MAX
MIN	4.62	5.30	10.2	7.67	78.2	36.8	26.6	9.46	6.51	64.1	87.1	48.5	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 76.4
MAXIMUM DAILY, 537 ON MAY 5
MINIMUM DAILY, 4.62 ON JAN 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 25 04 N
LONG 82 26 15 W
DRAINAGE AREA, 6 760 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 500	JUL	180 000
FEB	26 400	AUG	75 600
MAR	37 200	SEP	139 000
APR	142 000	OCT	425 000
MAY	724 000	NOV	340 000
JUN	126 000	DEC	160 000

TOTAL DISCHARGE, 2 410 000 dam³

DATA CONTRIBUTED BY -
SPRUCE FALLS POWER AND PAPER COMPANY

REGULATED

REMARKS - DEC 1982 DERIVED FROM MEAN FLOWS

KASHABOWIE RIVER AT OUTLET OF KASHABOWIE LAKE - STATION NO. 02AB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.30	10.5	4.46	1.12	2.98	8.51	6.30	4.30	1.50	1.50	7.54	6.86	1
2	5.30	10.3	3.90	1.12	3.34	3.38	6.23	4.20E	1.50	1.50	7.42	6.86	2
3	5.30	10.1	3.34	1.12	3.78	3.38	6.16	4.10	1.50	1.50	7.42	6.64	3
4	5.30	9.94	2.78	1.12	4.21	3.25	6.10	3.10	1.50	1.50	7.54	6.64	4
5	5.30	9.75	2.22	1.12	4.64	3.12	6.04	1.40	1.50	1.50	7.42	6.64	5
6	5.30	9.56	1.66	1.12	4.81	2.98	6.18	2.38	1.50	1.50	7.19	6.53	6
7	5.30	9.38	1.10	1.13	4.98	2.47	11.4	2.38	1.50	1.50	7.19	6.42	7
8	5.30	9.17	1.10	1.14	5.14	0	17.1	2.38	1.50	1.50	7.08	6.31	8
9	5.30	8.96	1.14	1.15	5.30	0	16.8	2.38	1.50	1.50	6.97	6.31	9
10	5.30	8.75	0.420	1.16	6.05	0	16.5	2.38	1.50	1.50	6.86	6.31	10
11	5.30	8.54	0.420	1.17	6.80	0	16.2	2.24	1.50	1.50	6.86	6.20	11
12	5.30	8.34	0.420	1.17	7.54	0	16.8	2.11	1.50	1.50	6.75	6.09	12
13	5.30	8.14	0.420	1.18	8.10	0	17.4	1.98	1.50	1.50	6.64	6.09	13
14	5.30	7.94	0.420	1.18	8.66	0	17.1	1.85	1.50	4.88	6.53	5.98	14
15	5.30	7.29	0.470	1.19	12.2	0	16.8	1.72	1.50	8.76	6.53	5.87	15
16	5.30	6.64	0.520	1.19	15.2	2.50	16.5	2.36	1.50	8.76	6.42	5.76	16
17	5.40	5.99	0.570	1.20	15.9	3.79	16.4	2.30	1.50	8.63	6.42	5.76	17
18	5.40	5.60	0.620	1.21	16.7	3.79	16.3	2.08	1.50	8.50	6.31	5.65	18
19	5.40	6.20	0.670	1.22	16.3	3.84	16.3	1.85	1.50	8.63	6.20	5.65	19
20	5.40	6.05	0.720	1.26	16.0	3.88	16.3	1.50	1.50	8.63	6.31	5.54	20
21	5.40	5.90	0.770	1.30	15.7	3.97	16.3	1.50	1.50	8.50	6.53	5.43	21
22	8.80	5.77	0.820	1.34	15.4	4.06	17.7	1.50	1.50	8.36	6.75	5.43	22
23	11.9	5.64	0.870	1.38	15.1	4.87	17.1	1.50	1.50	8.24	6.75	5.76	23
24	11.7	5.51	0.920	1.42	14.7	7.15	16.9	1.50	1.50	8.24	6.75	5.65	24
25	11.6	5.38	0.970	1.46	14.2	7.15	16.7	1.50	1.50	8.12	6.86	5.54	25
26	11.4	5.26	1.02	1.61	12.5	7.15	16.8	1.50	1.50	8.02	6.86	5.54	26
27	11.3	5.14	1.07	1.76	11.9	7.15	15.6	1.50	1.50	7.90	6.86	5.43	27
28	11.1	5.02	1.12	1.90	11.8	6.73	15.1	1.50	1.50	7.78	6.86	5.32	28
29	11.0		1.12	2.26	11.7	6.30	14.6	1.50	1.50	7.66	6.86	5.43	29
30	10.8		1.12	2.62	11.5	6.30	10.2	1.50	1.50	7.66	6.86	5.32	30
31	10.7		1.12		11.1		4.70	1.50		7.66		5.20	31
TOTAL	223.10	210.76	38.290	40.32	316.23	105.72	432.21	66.21	45.00	164.43	205.54	184.16	TOTAL
MEAN	7.16	7.53	1.24	1.34	10.1	3.52	13.9	2.14	1.50	5.30	6.85	5.94	MEAN
MAX	11.9	10.5	4.46	2.62	16.7	8.51	18.3	4.30	1.50	8.76	7.54	6.86	MAX
MIN	5.30	5.02	0.420	1.12	2.98	0	4.70	1.40	1.50	1.50	6.20	5.20	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.56
MAXIMUM DAILY, 18.3 ON JUL 19
MINIMUM DAILY, 0 ON JUN 8

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 39 25 N
LONG 90 25 03 W
DRAINAGE AREA, 526 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 200	JUL	37 300
FEB	16 200	AUG	5 720
MAR	3 110	SEP	3 990
APR	3 480	OCT	14 200
MAY	27 100	NOV	17 800
JUN	9 130	DEC	15 900

TOTAL DISCHARGE, 175 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED
REGULATED SINCE 1953

KAWINOGANS RIVER NEAR PICKLE CROW - STATION NO. 04FA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.23B	2.98B	2.83B	2.93B	22.3	38.6	20.3	10.8 E	9.81	8.88	17.5	7.05B	1
2	3.22B	2.98B	2.83B	2.92B	28.2	39.9	19.6	10.9 E	10.1	9.25	16.9	7.05B	2
3	3.21B	2.97B	2.82B	2.91B	33.6	40.3	18.6	11.1 E	10.9	11.3	16.1	7.10B	3
4	3.20B	2.96B	2.82B	2.90B	39.4	39.1	18.0E	11.5 E	11.5	13.1	15.2	7.05B	4
5	3.20B	2.96B	2.81B	2.89B	44.8	37.3	17.4E	12.0 E	11.7	15.4	14.7	6.90B	5
6	3.19B	2.95B	2.81B	2.88B	50.2	34.3	16.9E	12.8 E	11.5	16.5	14.1	6.65B	6
7	3.18B	2.95B	2.81B	2.87B	51.6	32.3	16.4E	13.8 E	11.2	16.8	13.6	6.45B	7
8	3.16B	2.94B	2.80B	2.86B	51.2	32.0	16.1E	14.6 E	11.0	17.0	12.8 B	6.25B	8
9	3.15B	2.94B	2.80B	2.87B	50.3	31.1	15.8E	15.1 E	10.5	17.0	12.1 B	6.10B	9
10	3.14B	2.93B	2.79B	2.88B	49.2	31.5	15.5E	15.4 E	9.99	16.7	11.5 B	6.00B	10
11	3.14B	2.92B	2.79B	2.89B	50.8	34.1	15.1E	15.6	9.71	17.3	10.8 B	5.95B	11
12	3.13B	2.92B	2.83B	2.90B	53.9	34.7	14.7E	14.8	9.30	18.4	10.4 B	5.85B	12
13	3.12B	2.91B	2.88B	2.92B	54.8	34.5	14.3E	13.7	9.54	19.1	10.0 B	5.80B	13
14	3.11B	2.90B	2.97B	2.95B	54.8	34.3	13.9E	12.5	9.65	19.3	9.65B	5.75B	14
15	3.10B	2.90B	3.05B	2.97B	56.0	33.0	13.5E	11.6	9.57	18.8	9.40B	5.70B	15
16	3.10B	2.89B	3.07B	3.00B	57.4	32.1	13.2E	10.6	9.37	18.2	9.20B	5.60B	16
17	3.09B	2.89B	3.09B	3.02B	57.8	32.0	12.9E	9.87	9.09	17.5	9.05B	5.55B	17
18	3.09B	2.88B	3.08B	3.05B	58.4	31.6	12.6E	9.20	8.82	17.5	9.00B	5.50B	18
19	3.08B	2.88B	3.07B	3.10B	63.4	30.6	12.3E	9.13	8.72	17.3	8.95B	5.45B	19
20	3.08B	2.87B	3.05B	3.16B	68.4	30.2	12.0E	9.26	8.55	16.8	8.95B	5.42B	20
21	3.07B	2.87B	3.03B	3.26B	69.8	30.1	11.8E	9.16	8.28	16.4	9.00B	5.38B	21
22	3.06B	2.86B	3.02B	3.40B	68.2	28.8	11.5E	9.37	7.98	15.9	9.05B	5.35B	22
23	3.05B	2.86B	3.01B	3.55B	65.9	27.5	11.3E	9.43	7.58	15.4	8.85B	5.30B	23
24	3.04B	2.85B	3.00B	3.85B	63.0	26.4	11.1E	9.22	7.28	15.2	8.55B	5.26B	24
25	3.03B	2.85B	2.99B	4.40B	59.6	26.4	10.9E	9.16	7.03	14.8	8.25B	5.22B	25
26	3.02B	2.84B	2.98B	5.10B	56.0	25.3	10.8E	9.16	6.78	14.7	7.95B	5.20B	26
27	3.01B	2.84B	2.97B	5.95	52.7	24.3	10.7E	9.33	6.31	14.6	7.75B	5.15B	27
28	3.00B	2.83B	2.96B	7.37	49.5	23.1	10.7E	9.41	6.18	14.4	7.55B	5.10B	28
29	3.00B		2.95B	11.7	46.4	21.5	10.6E	9.26	7.51	15.1	7.40B	5.07B	29
30	2.99B		2.94B	18.4	42.0	20.3	10.6E	9.22	8.63	16.9	7.25B	5.03B	30
31	2.99B		2.94B		39.1		10.7E	9.04		17.7		5.00B	31
TOTAL	96.18	81.32	90.79	125.85	1 608.9	937.2	429.8	346.02	273.68	493.23	321.50	180.23	TOTAL
MEAN	3.10	2.90	2.93	4.20	51.9	31.2	13.9	11.2	9.12	15.9	10.7	5.81	MEAN
MAX	3.23	2.98	3.09	18.4	69.8	40.3	20.3	15.6	11.7	19.3	17.5	7.10	MAX
MIN	2.99	2.83	2.79	2.86	22.3	20.3	10.6	9.04	6.18	8.88	7.25	5.00	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 69.8 ON MAY 21
MINIMUM DAILY, 2.79B ON MAR 10
MAXIMUM INSTANTANEOUS, 70.4 AT 16:47 EST ON MAY 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 40 N
LONG 89 53 30 W
DRAINAGE AREA, 1 540 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 310	JUL	37 100
FEB	7 030	AUG	29 900
MAR	7 840	SEP	23 600
APR	10 900	OCT	42 600
MAY	139 000	NOV	27 800
JUN	81 000	DEC	15 600

TOTAL DISCHARGE, 431 000 dam³

KEMPTVILLE CREEK NEAR KEMPTVILLE - STATION NO. 02LA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.46B	1.52B	1.32B	59.5 B	4.37	1.16	1.47	2.22	1.81	0.960	0.716	7.75	1
2	1.45B	1.47B	1.32B	66.9	4.84	1.27	1.38	2.99	1.13	0.938	0.855	8.44	2
3	1.49B	1.43B	1.32B	71.0	3.60	1.43	1.24	2.37	2.46	0.923	1.05	9.18	3
4	1.55B	1.39B	1.32B	73.0	3.24	1.84	1.14	1.92	2.74	0.898	3.41	11.5	4
5	1.76B	1.36B	1.32B	66.2 B	2.93	2.54	1.05	1.63	2.70	0.864	9.56	12.6	5
6	2.25B	1.35B	1.31B	59.3 B	2.36	3.32	0.977	1.40	2.63	0.806	11.2	13.4	6
7	2.50B	1.34B	1.31B	49.5 B	1.67	5.01	0.905	1.21	2.60	0.760	11.0	13.1	7
8	2.49B	1.34B	1.31B	40.2 B	2.23	5.86	0.829	1.10	2.46	0.899	10.0	11.9	8
9	2.47B	1.33B	1.31B	44.0 B	2.69	6.72	0.764	1.05	2.23	1.02	8.62	9.71	9
10	2.46B	1.33B	1.31B	34.0	2.86	5.29	0.709	0.922	1.37	1.07	7.19	7.78	10
11	2.43B	1.33B	1.49B	28.9	2.89	4.29	0.685	0.816	0.688	1.03	6.89	6.40B	11
12	2.41B	1.33B	1.72B	24.6	2.86	3.68	1.23	0.733	1.17	1.00	5.90	5.20B	12
13	2.39B	1.33B	2.75B	21.9	2.64	3.14	1.11	0.685	1.25	0.986	5.22	4.30B	13
14	2.38B	1.32B	3.45B	20.3	2.35	2.70	1.03	0.627	1.21	1.05	5.03	3.55B	14
15	2.35B	1.33B	3.95B	19.8	2.09	2.33	0.985	0.577	2.72	1.11	4.80	2.84	15
16	2.33B	1.32B	4.51B	15.3	1.89	2.22	0.818	0.474	1.88	1.15	4.53	4.98	16
17	2.30B	1.32B	5.00B	16.0	1.86	2.09	0.758	0.275	1.21	1.12	4.19	9.10B	17
18	2.27B	1.32B	5.29B	16.5	0.437	1.86	0.811	0.267	1.07	1.08	3.88	12.1 B	18
19	2.23B	1.36B	5.63B	15.9	0.652	1.76	1.16	0.269	1.00	1.04	3.63	7.09B	19
20	2.21B	1.37B	6.45B	17.6	0.957	1.68	1.44	0.251	0.975	1.03	3.05	4.39	20
21	2.19B	1.33B	8.80B	17.6	1.07	2.00	1.50	0.249	0.975	1.01	3.34	3.63B	21
22	2.12B	1.33B	9.25B	14.9	1.07	2.23	1.35	0.254	0.947	0.964	3.26	3.32B	22
23	2.08B	1.33B	9.50B	13.1	1.06	2.22	1.21	0.539	0.964	0.927	3.26	3.03B	23
24	2.01B	1.33B	11.0 B	11.3	1.18	2.27	1.10	0.622	0.944	0.887	3.02	2.90	24
25	1.94B	1.32B	12.5 B	9.52	1.28	2.33	1.02	0.747	0.944	0.864	4.52	4.28	25
26	1.89B	1.32B	18.5 B	8.06	1.28	2.48	0.909	1.18	0.917	0.775	4.64	11.1 B	26
27	1.81B	1.32B	21.5 B	6.90	1.21	2.20	0.819	1.31	0.940	0.762	4.31	12.8 B	27
28	1.74B	1.32B	22.8 B	6.12	1.20	1.99	0.821	1.28	0.961	0.720	4.03	14.2	28
29	1.68B		23.9 B	5.47	1.23	1.75	0.826	1.18	0.973	0.687	4.26	16.4	29
30	1.63B		25.0 B	4.85	1.19	1.68	0.801	1.11	0.986	0.667	5.84	15.2 B	30
31	1.58B		37.5 B		1.15		1.12	1.06		0.655		13.6 B	31
TOTAL	63.85	37.78	253.64	865.22	61.516	81.16	31.879	31.187	43.954	28.622	152.081	265.77	TOTAL
MEAN	2.06	1.35	8.18	28.8	1.98	2.71	1.03	1.01	1.47	0.923	5.07	8.57	MEAN
MAX	2.50	1.52	37.5	73.0	4.37	6.72	1.50	2.99	2.74	1.15	11.2	16.4	MAX
MIN	1.45	1.32	1.31	4.85	0.437	1.16	0.685	0.247	0.688	0.655	0.716	2.84	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.25
MAXIMUM DAILY, 73.0 ON APR 4
MINIMUM DAILY, 0.247 ON AUG 18
MAXIMUM INSTANTANEOUS, 73.7 AT 05:37 EST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 59 38 N
LONG 75 39 46 W
DRAINAGE AREA, 409 km²

B - ICE CONDITIONS

REGULATED SINCE 1951

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 520	JUL	2 750
FEB	3 260	AUG	3 690
MAR	21 900	SEP	3 800
APR	74 800	OCT	2 670
MAY	5 310	NOV	13 100
JUN	7 010	DEC	33 000

TOTAL DISCHARGE, 166 800 dam³

KENNY CREEK NEAR BURFORD - STATION NO. 02GD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.382B	0.170B	0.232B	30.2	0.584	1.52	0.829	0.128	0.212	0.440	0.224	6.20	1
2	0.333B	0.159B	0.236B	10.3	0.476	1.36	0.526	0.141	0.205	0.353	0.495	2.21	2
3	0.410B	0.146B	0.232B	6.25	0.439	1.11	0.414	0.151	0.202	0.306	0.989	1.67	3
4	0.615	0.140B	0.225B	5.15	0.408	0.824	0.378	0.171	0.195	0.272	1.58	1.88	4
5	1.87	0.133B	0.219B	4.73	0.387	0.810	0.356	0.171	0.187	0.253	2.20	3.10	5
6	4.35	0.130B	0.214B	2.99	0.364	3.48	0.336	0.157	0.178	0.237	1.77	15.8	6
7	2.40	0.126B	0.210B	2.36	0.354	5.99	0.292	0.148	0.168	0.230	1.38	12.7	7
8	1.61	0.121B	0.209B	2.03	0.430	2.73	0.269	0.140	0.162	0.242	0.844	5.23	8
9	1.21	0.120B	0.207B	2.38	0.499	1.72	0.239	0.368	0.156	0.253	0.719	3.49	9
10	0.818	0.117B	0.205B	2.87	0.452	1.34	0.211	0.589	0.147	0.258	0.636	1.70	10
11	0.628	0.115B	0.320B	2.15	0.406	1.05	0.285	0.251	0.144	0.261	0.641	1.36	11
12	0.460B	0.114B	0.245B	2.25	0.372	0.782	0.185	0.196	0.138	0.267	1.27	1.03	12
13	0.398B	0.113B	0.520B	2.96	0.343	0.660	0.187	0.176	0.132	0.274	2.76	0.882	13
14	0.355B	0.120B	7.05 B	3.96	0.319	0.844	0.177	0.160	0.132	0.262	2.35	0.883	14
15	0.335B	0.166B	14.0 B	2.63	0.299	0.806	0.171	0.149	0.132	0.247	1.44	0.794	15
16	0.350B	0.230B	11.2 B	2.13	0.286	1.26	0.160	0.139	0.133	0.237	1.09	1.78	16
17	0.330B	0.212B	14.6	4.02	0.273	1.37	0.141	0.131	0.137	0.224	0.923	1.54	17
18	0.310B	0.210B	11.1	4.52	0.261	0.857	0.170	0.124	0.155	0.219	0.816	3.10	18
19	0.290B	0.210B	8.58	2.42	0.255	0.675	0.172	0.120	0.150	0.214	0.729	1.55	19
20	0.279B	0.210B	8.11	1.82	0.276	0.671	0.163	0.123	0.155	0.213	0.688	1.14	20
21	0.217B	0.212B	8.37	2.26	0.265	0.881	0.152	0.118	0.147	0.208	1.30	0.970	21
22	0.260B	0.210B	7.63	1.95	0.244	1.31	0.146	0.119	0.160	0.208	7.97	0.853	22
23	0.260B	0.220B	12.2	1.41	0.243	0.953	0.139	0.128	0.216	0.207	5.57	0.819	23
24	0.280B	0.226B	12.7	1.13	0.255	0.688	0.132	0.125	0.239	0.208	4.11	1.38	24
25	0.250B	0.232B	9.48	0.939	0.253	0.539	0.127	0.500	0.272	0.209	5.58	16.7	25
26	0.239B	0.240B	6.59	0.826	0.240	0.472	0.123	1.10	0.323	0.204	2.39	29.1	26
27	0.220B	0.243B	4.92	0.733	0.251	0.430	0.125	0.748	0.457	0.196	1.55	11.7	27
28	0.210B	0.236B	2.67	0.669	2.72	0.401	0.148	0.420	0.889	0.198	1.21	7.81	28
29	0.200B		2.16	0.577	8.37	0.747	0.151	0.305	0.897	0.198	1.52	7.56	29
30	0.188B		3.53	0.533	3.15	1.41	0.141	0.255	0.618	0.196	5.16	3.33	30
31	0.173B		27.9		2.13		0.134	0.224		0.199		1.80	31
TOTAL	20.139	4.887	175.564	113.727	25.524	37.690	7.089	7.694	7.438	7.489	59.544	147.851	TOTAL
MEAN	0.650	0.175	5.66	3.79	0.823	1.26	0.229	0.248	0.248	0.242	1.98	4.77	MEAN
MAX	4.35	0.243	27.9	30.2	8.37	5.99	0.829	1.10	0.897	0.440	7.97	29.1	MAX
MIN	0.173	0.113	0.205	0.533	0.240	0.401	0.123	0.118	0.132	0.196	0.224	0.794	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.68
MAXIMUM DAILY, 30.2 ON APR 1
MINIMUM DAILY, 0.113B ON FEB 13
MAXIMUM INSTANTANEOUS,
41.5 AT 12:40 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 05 57 N
LONG 80 29 19 W
DRAINAGE AREA, 91.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 740	JUL	612
FEB	422	AUG	665
MAR	15 200	SEP	643
APR	9 830	OCT	647
MAY	2 210	NOV	5 140
JUN	3 260	DEC	12 800

TOTAL DISCHARGE, 53 200 dam³

KENOGAMI RIVER AT KENOGAMI DAM - STATION NO. 04JD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	111	0	0	0	0	0	0	0	17
18	0	0	0	0	163	0	0	0	0	0	0	0	18
19	0	0	0	0	199	0	0	0	0	0	0	0	19
20	0	0	0	0	243	0	0	0	0	0	0	0	20
21	0	0	0	0	196	0	0	0	0	0	0	0	21
22	0	0	0	0	90.1	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0		0		0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	1 002.1	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	32.3	0	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	243	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.75
MAXIMUM DAILY, 243 ON MAY 20
MINIMUM DAILY, 0 ON JAN 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 55 05 N
LONG 86 29 17 W
DRAINAGE AREA, 4 270 km²

REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	86 600	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 86 600 dam³

KENOGAMI RIVER NEAR MANNAHATTAWA - STATION NO. 04JG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.0B	32.3B	28.9B	32.0B	360B	614	279	281	110 E	335E	607	205B	1
2	34.8B	32.1B	28.9B	32.3B	900B	682	259	262	107 E	330E	582	198B	2
3	34.7B	32.0B	28.8B	32.0B	1 350B	694	239	245	101 E	350E	554	196B	3
4	34.6B	32.0B	28.8B	33.3B	1 700B	654	220	230	98.0E	360E	529	202B	4
5	34.3B	31.5B	28.8B	34.0B	2 060	599	203	219	97.0E	350E	516	216B	5
6	34.2B	31.3B	28.7B	34.5B	2 310	539	209	210	128 E	343E	484	230B	6
7	34.1B	31.2B	28.7B	35.2B	2 490	484	268	206E	180 E	335E	468	233B	7
8	34.0B	31.1B	28.6B	35.8B	2 520	446	425	197E	200 E	330E	435B	230B	8
9	34.0B	31.0B	28.5B	36.6B	2 380	416	575	193E	228 E	320E	405B	222B	9
10	33.8B	31.0B	28.4B	37.5B	2 160	390	572	185E	230 E	330E	375B	213B	10
11	33.7B	30.9B	28.3B	38.2B	1 950	390	544	182E	224 E	390E	340B	202B	11
12	33.5B	30.8B	28.3B	39.0B	1 800	412	738	180E	215 E	430E	315B	190B	12
13	33.3B	30.7B	28.3B	40.0B	1 650	423	1 050	189E	207 E	460E	288B	180B	13
14	33.2B	30.5B	28.3B	41.0B	1 520	411	1 080	193E	200 E	510E	259B	172B	14
15	33.1B	30.4B	28.4B	42.0B	1 470	395	997	191E	190 E	540E	237B	166B	15
16	33.0B	30.2B	28.5B	43.5B	1 420	390	889	186E	198 E	582	230B	159B	16
17	33.0B	30.1B	28.5B	45.0B	1 340	390	820	177E	208 E	598	224B	152B	17
18	33.0B	30.0B	28.5B	46.8B	1 260	384	813	170E	225 E	599	220B	148B	18
19	33.0B	30.0B	28.6B	47.5B	1 210	371	798	163E	230 E	601	215B	143B	19
20	32.9B	29.8B	28.7B	49.5B	1 200	354	723	157E	234 E	597	213B	137B	20
21	32.8B	29.7B	28.8B	51.0B	1 210	346	643	150E	238 E	581	217B	133B	21
22	32.7B	29.6B	28.9B	52.5B	1 200	344	584	147E	250 E	591	228B	129B	22
23	32.6B	29.5B	29.0B	55.5B	1 130	344	530	143E	290 E	608	245B	135B	23
24	32.5B	29.4B	29.3B	59.5B	1 050	341	479	140E	410 E	623	270B	122B	24
25	32.5B	29.3B	29.7B	66.0B	951	340	441	133E	430 E	621	263B	118B	25
26	32.4B	29.2B	29.8B	77.0B	865	345	407	132E	422 E	633	255B	116B	26
27	32.3B	29.0B	30.0B	90.0B	782	345	374	131E	410 E	642	248B	113B	27
28	32.3B	29.0B	30.4B	110 B	706	336	347	127E	390 E	641	233B	112B	28
29	32.3B		30.6B	160 B	640	329	339	121E	365 E	636	220B	109B	29
30	32.3B		30.8B	210 B	597	302	320	118E	345 E	633	210B	108B	30
31	32.3B		31.5B		578		298	114E		629		105B	31
TOTAL	1 032.2	853.6	900.3	1 707.2	42 759	12 808	16 473	5 472	7 160.0	15 528	9 868	5 084	TOTAL
MEAN	33.3	30.5	29.0	56.9	1 380	427	531	177	239	501	329	164	MEAN
MAX	35.0	32.3	31.5	210	2 520	694	1 080	281	430	642	607	233	MAX
MIN	32.3	29.0	28.3	32.0	360	302	203	114	97.0	328	210	105	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 328
MAXIMUM DAILY, 2 520 ON MAY 8
MINIMUM DAILY, 28.3B ON MAR 11
MAXIMUM INSTANTANEOUS,
2 530 AT 04:39 EST ON MAY 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 26 20 N
LONG 84 23 15 W

DRAINAGE AREA, 26 200 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	89 200	JUL	1 420 000
FEB	73 800	AUG	473 000
MAR	77 800	SEP	619 000
APR	148 000	OCT	1 340 000
MAY	3 690 000	NOV	853 000
JUN	1 110 000	DEC	439 000

TOTAL DISCHARGE, 10 300 000 dam³

KETTLE CREEK AT ST. THOMAS - STATION NO. 02GC802

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.30 B	0.462B	0.395B	31.2	1.00	16.1	3.49	0.234	0.157	0.477	1.66	8.09	1
2	2.80 B	0.462B	0.395B	12.5	0.878	13.0	2.15	0.477	0.174	0.310	20.4	5.67	2
3	2.70 B	0.460B	0.400B	23.5	0.826	4.89	1.59	0.510	0.177	0.292	26.6	5.01	3
4	16.3	0.455B	0.420B	17.1	0.838	2.79	1.43	0.329	0.173	0.247	12.8	15.0	4
5	27.9	0.448B	1.05 B	6.45	0.719	4.73	1.21	0.289	0.170	0.212	9.07	16.8	5
6	13.6	0.440B	1.04 B	4.47	0.635	23.8	1.11	0.228	0.159	0.195	4.66	53.5	6
7	6.50 B	0.438B	1.03 B	3.57	0.699	9.63	0.857	0.203	0.188	0.331	3.03	16.0	7
8	4.70 B	0.435B	0.740B	4.73	0.680	5.99	0.809	0.726	0.121	0.277	2.41	7.50	8
9	3.30 B	0.430B	0.860B	9.29	0.671	3.69	0.625	0.682	0.095	0.389	1.88	5.24	9
10	2.30 B	0.427B	0.915B	11.6	0.555	2.60	0.528	0.417	0.093	0.377	1.53	4.11	10
11	1.65 B	0.420B	1.35 B	8.41	0.689	1.96	0.510	0.242	0.118	0.356	4.61	3.34	11
12	1.10 B	0.429B	4.00 B	11.0	0.559	1.46	0.444	0.195	0.089	0.329	20.1	2.56	12
13	0.970B	0.430B	16.5 B	16.8	0.578	2.18	0.373	0.210	0.071	0.318	13.9	2.08	13
14	0.860B	0.440B	72.0 B	10.3	0.523	3.65	0.348	0.194	0.085	0.361	6.11	1.95	14
15	0.780B	0.448B	68.7	6.38	0.495	2.82	0.417	0.161	0.102	0.364	3.85	2.63	15
16	0.710B	0.450B	52.7	5.38	0.471	30.4	0.337	0.170	0.161	1.03	2.65	35.2	16
17	0.680B	0.440B	37.5	24.7	0.372	7.37	0.365	0.178	0.163	3.85	2.33	15.5	17
18	0.640B	0.430B	25.4	13.1	0.366	3.37	0.381	0.140	0.200	4.08	1.93	5.41	18
19	0.599B	0.428B	20.2	9.19	0.538	4.38	0.326	0.128	0.103	2.31	1.66	4.38	19
20	0.580B	0.415B	26.3	8.01	0.441	5.88	0.350	0.285	0.096	1.97	2.57	5.29	20
21	0.560B	0.403B	30.7	7.46	0.316	9.51	0.289	0.121	0.096	2.55	45.1	4.69	21
22	0.555B	0.402B	23.1	4.16	0.333	7.70	0.328	0.106	0.215	2.15	33.5	3.88	22
23	0.584B	0.402B	24.2	2.86	0.288	4.16	0.296	0.126	0.506	1.96	12.2	6.10	23
24	0.582B	0.402B	23.2	2.38	0.237	3.37	0.247	0.110	0.561	1.80	24.7	46.6	24
25	0.561B	0.401B	18.0	1.94	0.199	1.89	0.232	0.266	1.25	1.29	10.2	63.5	25
26	0.535B	0.400B	12.3	1.68	0.279	2.09	0.193	0.255	0.946	0.923	5.58	37.8	26
27	0.508B	0.397B	7.61	1.53	1.63	2.32	0.213	0.156	1.96	0.307	4.13	13.9	27
28	0.480B	0.397B	5.89	1.16	32.5	1.87	0.285	0.140	2.28	0.260	4.48	22.9	28
29	0.465B		5.89	0.985	18.7	27.6	0.232	0.133	1.23	0.278	25.1	13.9	29
30	0.460B		9.08	0.971	6.36	8.46	0.225	0.125	0.714	0.298	16.3	5.99	30
31	0.460B		74.5		16.7		0.414	0.123		0.320		3.83	31
TOTAL	95.791	11.991	604.565	258.886	81.945	218.58	20.536	7.577	12.489	29.651	324.94	437.45	TOTAL
MEAN	3.09	0.428	19.5	8.49	2.64	7.29	0.662	0.244	0.414	0.956	10.8	14.1	MEAN
MAX	27.9	0.462	74.5	31.2	32.5	30.4	3.49	0.726	2.28	4.08	45.1	63.5	MAX
MIN	0.460	0.397	0.395	0.971	0.199	1.46	0.193	0.106	0.071	0.195	1.53	1.95	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.75
MAXIMUM DAILY, 74.5 ON MAR 31
MINIMUM DAILY, 0.071 ON SEP 13
MAXIMUM INSTANTANEOUS,
109 AT 11:00 EST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 46 40 N
LONG 81 12 52 W

DRAINAGE AREA, 329 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 280	JUL	1 770
FEB	1 040	AUG	655
MAR	52 300	SEP	1 070
APR	23 000	OCT	2 560
MAY	7 200	NOV	28 100
JUN	18 900	DEC	37 800

TOTAL DISCHARGE, 181 000 dam³

KWATAGOAHEGAN RIVER NEAR THE MOUTH - STATION NO. 04KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.57B	1.02 B	0.745B	0.690B	16.0B	66.3	15.0	16.7	10.1	38.8	37.0	26.0 B	1
2	1.53B	1.01 B	0.735B	0.700B	30.0B	96.8	14.4	16.5	9.80	38.7	35.6	27.0 B	2
3	1.51B	1.00 B	0.725B	0.715B	100 B	103	13.9	17.2	9.99	36.4	34.9	28.0 B	3
4	1.50B	0.995B	0.715B	0.730B	393	95.5	12.4	20.4	10.9	36.4	33.3	26.0 B	4
5	1.48B	0.980B	0.705B	0.740B	627	82.7	11.6	19.3	12.7	36.7	33.3	23.0 B	5
6	1.45B	0.970B	0.700B	0.755B	730	72.5	11.3	17.4	16.4	36.3	38.2	21.5 B	6
7	1.43B	0.960B	0.695B	0.770B	708	63.8	12.9	15.7	21.6	38.6	37.4	20.0 B	7
8	1.41B	0.950B	0.685B	0.790B	637	56.2	16.7	14.4	23.5	33.7	39.0	19.2 B	8
9	1.39B	0.940B	0.680B	0.800B	533	49.3	23.0	13.8	23.2	34.6	39.4	18.0 B	9
10	1.37B	0.930B	0.670B	0.810B	426	45.1	28.6	13.2	22.3	36.5	36.2	17.0 B	10
11	1.35B	0.920B	0.660B	0.835B	353	40.5	32.5	13.1	21.9	36.4	35.6	16.2 B	11
12	1.33B	0.905B	0.655B	0.850B	304	36.9	57.9	13.7	24.0	35.7	34.5B	15.5 B	12
13	1.31B	0.900B	0.645B	0.870B	271	33.9	103	14.4	30.9	33.8	33.5B	14.8 B	13
14	1.29B	0.890B	0.640B	0.890B	243	32.0	114	15.3	44.7	32.6	32.5B	14.0 B	14
15	1.27B	0.880B	0.630B	0.910B	216	29.9	108	15.0	59.4	33.6	31.5B	13.3 B	15
16	1.25B	0.870B	0.625B	0.970B	198	27.4	96.0	14.1	64.6	38.0	31.0B	12.0 B	16
17	1.23B	0.860B	0.620B	1.00 B	182	26.4	88.1	12.9	63.7	45.5	30.5B	12.3 B	17
18	1.22B	0.850B	0.615B	1.06 B	165	26.1	79.2	12.0	61.2	51.1	30.0B	11.8 B	18
19	1.21B	0.840B	0.610B	1.13 B	162	25.8	69.8	12.1	58.3	54.2	29.5B	11.4 B	19
20	1.19B	0.830B	0.605B	1.21 B	168	25.8	60.9	13.3	56.1	56.2	31.0B	11.0 B	20
21	1.18B	0.825B	0.605B	1.32 B	162	25.0	53.2	14.0	53.4	57.1	35.5B	10.8 B	21
22	1.17B	0.815B	0.605B	1.48 B	147	25.0	45.5	13.5	50.0	56.5	35.5B	10.4 B	22
23	1.15B	0.805B	0.610B	1.68 B	132	23.6	38.6	13.6	46.1	54.0	30.0B	10.2 B	23
24	1.13B	0.800B	0.615B	1.90 B	118	22.2	33.8	13.3	41.7	51.9	29.0B	9.90B	24
25	1.12B	0.790B	0.624B	2.10 B	106	20.2	30.4	13.0	37.2	50.6	28.0B	9.70B	25
26	1.10B	0.780B	0.630B	2.40 B	95.3	18.8	28.3	12.9	33.2	49.4	27.0B	9.50B	26
27	1.08B	0.770B	0.640B	2.80 B	84.6	17.5	26.9	12.4	30.1	46.9	26.0B	9.30B	27
28	1.07B	0.760B	0.650B	3.90 B	75.6	16.5	22.9	11.7	27.5	44.2	25.5B	9.00B	28
29	1.06B		0.660B	7.30 B	65.9	15.8	21.2	11.2	25.8	41.8	25.3B	8.70B	29
30	1.05B		0.670B	10.5 B	59.9	15.3	19.1	10.7	26.6	40.1	25.0B	8.40B	30
31	1.04B		0.680B		55.6		17.1	10.4		38.6		8.20B	31
TOTAL	39.44	24.845	20.389	58.205	7 563.9	1 234.8	1 302.6	437.2	1 016.89	1 299.7	970.7	462.90	TOTAL
MEAN	1.27	0.887	0.656	1.81	244	41.2	42.0	14.1	33.9	41.9	32.4	14.9	MEAN
MAX	1.57	1.02	0.745	10.5	730	103	114	20.4	64.6	57.1	39.4	28.0	MAX
MIN	1.04	0.760	0.605	0.690	16.0	15.3	11.3	10.4	9.80	30.8	25.0	8.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.5
MAXIMUM DAILY, 730 ON MAY 6
MINIMUM DAILY, 0.605B ON MAR 20
MAXIMUM INSTANTANEOUS,
766 AT 09:07 EST ON MAY 6

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 09 00 N
LONG 80 52 00 W
DRAINAGE AREA, 4 250 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 410	JUL	113 000
FEB	2 150	AUG	37 800
MAR	1 760	SEP	87 900
APR	4 680	OCT	112 000
MAY	654 000	NOV	83 900
JUN	107 000	DEC	40 000

TOTAL DISCHARGE, 1 250 000 dam³

LA VALLEE RIVER NEAR DEVLIN - STATION NO. 05PC016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0 B	0 B	5.11E	1.07 E	0.528	1.03	0.484	2.36	---	---	1
2	---	---	0 B	0.062B	4.71E	1.02 A	0.486	1.06	0.432	2.87	---	---	2
3	---	---	0 B	0 B	4.31E	0.970	0.525	1.15	0.512	4.74	---	---	3
4	---	---	0 B	0 B	3.90E	0.876	0.567	1.03	0.563	4.44	---	---	4
5	---	---	0 B	0 B	3.50A	0.807	0.725	0.943	0.518	3.57	---	---	5
6	---	---	0 B	0 B	3.33E	0.957	0.926	0.922	0.469	4.29	---	---	6
7	---	---	0 B	0 B	3.16A	0.902	1.01	1.16	0.449	11.0	---	---	7
8	---	---	0 B	0 B	2.83E	0.905	1.07	1.11	0.441	14.2	---	---	8
9	---	---	0 B	0 B	2.51E	1.30	1.03	1.11	0.406	13.0	---	---	9
10	---	---	0 B	0 B	2.18A	4.88	1.01	1.53	0.392	14.4	---	---	10
11	---	---	0 B	0 B	2.21E	6.60	0.941	2.00	0.406	15.9	---	---	11
12	---	---	0 B	0 B	2.25E	5.54	0.866	1.88	0.423	15.0	---	---	12
13	---	---	0 B	0 B	2.28A	3.98	0.789	1.58	0.439	12.6	---	---	13
14	---	---	0 B	1.87 B	3.86E	3.20	0.725	1.30	0.459	9.87	---	---	14
15	---	---	0 B	9.38 B	5.45E	2.55	0.686	1.10	0.462	7.08	---	---	15
16	---	---	0 B	16.0 B	7.03A	2.03	0.836	0.971	0.468	4.81	---	---	16
17	---	---	0 B	22.5 B	8.26A	1.70	1.07	0.854	0.538	3.65	---	---	17
18	---	---	0 B	29.1 B	10.8 E	1.45	0.937	0.964	0.628	3.19	---	---	18
19	---	---	0 B	35.7 B	13.4 A	1.24	0.783	0.824	0.638	3.38	---	---	19
20	---	---	0 B	28.7 B	11.4 E	1.15	0.782	0.697	0.620	3.27	---	---	20
21	---	---	0 B	22.7 B	9.39E	1.02	0.819	0.611	0.590	2.90	---	---	21
22	---	---	0 B	17.7 A	7.36E	0.889	1.02	0.694	0.545	2.63	---	---	22
23	---	---	0 B	13.7 A	5.34E	0.803	1.06	0.676	0.545	2.31	---	---	23
24	---	---	0 B	11.9 A	3.32A	0.776	1.48	0.604	0.686	2.04	---	---	24
25	---	---	0 B	8.92 A	2.74E	0.790	3.09	0.538	0.856	1.85	---	---	25
26	---	---	0 B	7.13 A	2.16A	0.746	3.07	0.466	0.742	1.74	---	---	26
27	---	---	0 B	6.73 E	2.07A	0.748	2.36	0.422	0.656	1.68	---	---	27
28	---	---	0 B	6.32 E	2.03E	0.626	1.72	0.419	1.91	1.54	---	---	28
29	---		0 B	5.92 E	2.00E	0.598	1.46	0.428	3.59	1.51	---	---	29
30	---		0 B	5.52 E	1.96E	0.564	1.34	0.421	2.91	1.63	---	---	30
31	---		0.153B		1.92A		1.15	0.391		1.59		---	31
TOTAL	---	---	0.153	249.852	142.77	51.883	34.521	28.885	22.697	175.02	---	---	TOTAL
MEAN	---	---	0.005	8.33	4.61	1.78	1.11	0.932	0.757	5.65	---	---	MEAN
MAX	---	---	0.153	35.7	13.4	6.60	3.09	2.00	3.59	15.9	---	---	MAX
MIN	---	---	0	0	1.92	0.564	0.686	0.391	0.392	1.51	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.88
MAXIMUM DAILY, 35.7B ON APR 19
MINIMUM DAILY, 0B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 35 25 N
LONG 93 40 22 W
DRAINAGE AREA, 276 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 980
FEB	---	AUG	2 580
MAR	13.2	SEP	1 960
APR	21 600	OCT	15 100
MAY	12 300	NOV	---
JUN	4 410	DEC	---

TOTAL DISCHARGE, 60 900 dam³

LA VASE RIVER AT NORTH BAY - STATION NO. 02DD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.250B	0.150B	0.162	5.58	1.03	0.378	0.105	0.080	0.187	0.370	0.391	1.13	1
2	0.250B	0.150B	0.165	4.97	0.982	0.299	0.097	0.073	0.581	0.371	0.589	2.13	2
3	0.255B	0.155B	0.163	5.29	0.759	0.276	0.096	0.067	0.755	0.450	1.68	3.25	3
4	0.265B	0.155B	0.161	5.39	0.641	0.224	0.093	0.068	1.03	0.537	1.82	3.53	4
5	0.275B	0.155B	0.158	4.26	0.579	0.493	0.087	0.080	0.670	0.419	1.83	2.80	5
6	0.280B	0.160B	0.159	3.04	0.506	0.204	0.090	0.075	0.976	0.371	1.80	5.74	6
7	0.285B	0.160B	0.154	2.10	0.721	0.134	0.095	0.073	0.958	0.802	1.55	5.84	7
8	0.285B	0.160B	0.151	1.59	1.02	0.126	0.081	0.069	0.506	3.11	1.28	3.40 B	8
9	0.265B	0.160	0.151	1.33	0.932	0.113	0.071	0.068	0.296	2.86	0.984	1.88 B	9
10	0.250B	0.162	0.153	1.63	1.04	0.105	0.072	0.103	0.223	1.86	0.769	1.21 B	10
11	0.235B	0.166	0.165	2.63	0.791	0.106	0.087	0.097	0.218	1.17	0.677	0.915B	11
12	0.225B	0.166	0.183	3.08	0.541	0.111	0.093	0.099	0.166	1.00	1.58	0.750B	12
13	0.210B	0.165	0.278	5.72	0.397	0.143	0.091	0.083	0.146	0.980	3.73	0.630B	13
14	0.200B	0.163	0.352	9.06	0.340	0.123	0.096	0.073	0.223	1.09	2.57	0.580	14
15	0.185B	0.162	0.443	7.94	0.320	0.133	0.104	0.072	0.387	2.24	1.66	0.580	15
16	0.175B	0.162	0.571	7.56	0.283	0.169	0.092	0.070	0.414	2.09	1.33	0.658	16
17	0.160B	0.160	0.572	8.68	0.251	0.212	0.081	0.069	0.548	1.48	1.15	0.629	17
18	0.155B	0.150	0.540	10.6	0.233	0.175	0.075	0.065	0.832	1.05	1.10	0.517	18
19	0.150B	0.156	0.534	7.02	0.215	0.182	0.073	0.068	1.11	0.813	1.02	0.454	19
20	0.145B	0.160	0.560	4.43	0.235	0.885	0.071	0.068	0.747	0.717	0.936	0.420	20
21	0.145B	0.167	0.600	5.21	0.204	0.456	0.065	0.066	0.547	1.00	1.09	0.404	21
22	0.140B	0.164	0.583	4.00	0.191	0.363	0.080	0.078	0.415	1.06	1.22	0.370	22
23	0.145B	0.168	0.618	3.17	0.196	0.327	0.087	0.095	0.321	0.858	1.14	0.360	23
24	0.145B	0.167	0.702	3.15	0.211	0.371	0.082	0.092	0.203	0.698	1.99	0.476	24
25	0.145B	0.164	0.978	3.02	0.274	0.354	0.069	0.074	0.175	0.639	1.57	2.83	25
26	0.145B	0.161	1.20	2.96	0.287	0.398	0.061	0.089	0.181	0.666	1.18	10.6	26
27	0.145B	0.155	1.13	2.31	0.307	0.311	0.057	0.101	0.183	0.756	0.941	8.35	27
28	0.150B	0.155	1.07	1.79	0.186	0.243	0.066	0.085	0.214	0.601	0.818	5.14	28
29	0.150B		1.01	1.37	0.166	0.149	0.068	0.073	0.251	0.638	0.792	6.38	29
30	0.150B		0.998	1.12	0.221	0.112	0.062	0.083	0.286	0.494	0.864	3.80	30
31	0.150B		2.25		0.659		0.079	0.101		0.413		2.13	31
TOTAL	6.140	4.482	16.914	129.96	16.498	7.867	2.526	2.457	13.681	31.643	39.931	76.891	TOTAL
MEAN	0.198	0.160	0.546	4.33	0.468	0.262	0.081	0.079	0.456	1.02	1.33	2.48	MEAN
MAX	0.300	0.168	2.25	10.6	1.04	0.885	0.105	0.103	1.11	3.11	3.73	10.6	MAX
MIN	0.140	0.150	0.151	1.12	0.166	0.105	0.057	0.065	0.146	0.370	0.391	0.360	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.951
MAXIMUM DAILY, 10.6 ON APR 18
MINIMUM DAILY, 0.057 ON JUL 27
MAXIMUM INSTANTANEOUS,
11.7 AT 13:24 EST ON DEC 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 15 44 N
LONG 79 23 43 W
DRAINAGE AREA, 70.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	530	JUL	218
FEB	387	AUG	212
MAR 1	460	SEP 1	180
APR 11	200	OCT 2	730
MAY 1	250	NOV 3	450
JUN	680	DEC 6	640

TOTAL DISCHARGE, 29 900 dam³

LAC DES MILLE LACS ABOVE OUTLET DAM - STATION NO. 05PB012

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	456.540	---	456.570	456.560	456.590	1
2	---	---	---	---	456.320	---	---	---	---	---	---	---	2
3	456.360	---	---	---	---	---	---	---	---	456.620	---	---	3
4	---	---	---	---	---	---	456.680	---	---	---	---	---	4
5	---	---	---	456.170	---	---	---	---	456.500	---	---	456.620	5
6	---	---	---	---	---	456.600	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	456.540	---	7
8	---	456.250	456.170	---	---	---	---	456.550	---	---	---	---	8
9	---	---	---	---	456.450	---	---	---	---	---	---	---	9
10	456.330	---	---	---	---	---	---	---	---	456.690	---	---	10
11	---	---	---	---	---	---	456.770	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	456.550	---	---	456.590	12
13	---	---	---	456.170	---	456.620	---	---	---	---	---	---	13
14	---	456.220	---	---	---	---	---	---	---	---	456.550	---	14
15	---	---	456.160	---	---	---	---	456.540	---	---	---	---	15
16	---	---	---	---	456.540	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	456.670	---	---	17
18	456.290	---	---	456.170	---	---	456.730	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	456.550	---	---	456.600	19
20	---	---	---	---	---	456.640	---	---	---	---	---	---	20
21	---	456.210	456.160	---	---	---	---	---	---	---	456.590	---	21
22	---	---	---	---	---	---	---	456.510	---	---	---	---	22
23	---	---	---	---	456.600	---	---	---	---	---	---	---	23
24	456.290	---	---	---	---	---	---	---	---	456.620	---	---	24
25	---	---	---	456.200	---	---	456.610	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	456.550	---	---	456.560	26
27	---	---	---	---	---	456.640	---	---	---	---	---	---	27
28	---	456.200	---	---	---	---	---	---	---	---	456.610	---	28
29	---	---	456.140	---	---	---	---	456.510	---	---	---	---	29
30	---	---	---	456.280	456.600	456.600	---	---	456.600	---	456.600	---	30
31	456.260	---	---	---	---	---	456.560	456.500	---	456.570	---	456.530	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 456.770 ON JUL 11
MINIMUM DAILY, 456.140 ON MAR 29

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 58 48 N
LONG 90 43 48 W
DATA CONTRIBUTED BY -
BOISE CASCADE CANADA LIMITED

REGULATED SINCE 1953

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAC LA CROIX AT CAMPBELL'S CAMP - STATION NO. 05PA011

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	360.564	360.535	360.478	360.536A	361.030	362.114	361.354	361.551	361.008	360.769	361.531	361.581	1
2	360.566	360.533	360.476	360.536A	361.065	362.109	361.333	361.533	360.998	360.781	361.533	361.560	2
3	360.569	360.527	360.473	360.581	361.100	362.090	361.328	361.506	360.988	360.793	361.551	361.572	3
4	360.566	360.528	360.470	360.590	361.102	362.068	361.310	361.486	360.979	360.797	361.580	361.577	4
5	360.563	360.524	360.469	360.591	361.107	362.036	361.311	361.462	360.968	360.795	361.581	361.583	5
6	360.558	360.521	360.468	360.591	361.229	362.021	361.325	361.442	360.954	360.826	361.579	361.580	6
7	360.559	360.520	360.464	360.591	361.363	361.984	361.326	361.421	360.938	360.850	361.573	361.583	7
8	360.555	360.517	360.464	360.591	361.306	361.962	361.336	361.394	360.924	360.878	361.566	361.580	8
9	360.550	360.514	360.463	360.588	361.355	361.944	361.352	361.380	360.912	360.907	361.563	361.578	9
10	360.547	360.514	360.466	360.587	361.405	361.932	361.362	361.361	360.906	360.937	361.548	361.572	10
11	360.551	360.512	360.474	360.588	361.448	361.909	361.372	361.343	360.896	360.962	361.542	361.566	11
12	360.549	360.508	360.476	360.587	361.501	361.876	361.395	361.324	360.901	361.000	361.527	361.560	12
13	360.545	360.507	360.482	360.588	361.559	361.849	361.415	361.301	360.907	361.035	361.533	361.552	13
14	360.545	360.507	360.486	360.588	361.621	361.829	361.454	361.283	360.900	361.063	361.521	361.562	14
15	360.540	360.504	360.489	360.591	361.681	361.801	361.482	361.264	360.887	361.093	361.514	361.532	15
16	360.536	360.504	360.488	360.594	361.736	361.778	361.510	361.241	360.872	361.128	361.505	361.522	16
17	360.536	360.502	360.488	360.598	361.787	361.762	361.528	361.222	360.871	361.170	361.496	361.506	17
18	360.535	360.498	360.494	360.606	361.841	361.713	361.543	361.209	360.864	361.199	361.488	361.493	18
19	360.535	360.495	360.497	360.613	361.898	361.680	361.571	361.198	360.855	361.236	361.483	361.476	19
20	360.530	360.491	360.499	360.622	361.952	361.650	361.590	361.173	360.847	361.258	361.480	361.466	20
21	360.531	360.488	360.500	360.634	361.998	361.624	361.604	361.162	360.838	361.296	361.480	361.451	21
22	360.533	360.487	360.503	360.651	362.039	361.595	361.621	361.160	360.826	361.328	361.503	361.434	22
23	360.548	360.485	360.505	360.676	362.075	361.556	361.632	361.144	360.819	361.362	361.511	361.421	23
24	360.550	360.484	360.505	360.715	362.103	361.527	361.634	361.128	360.812	361.391	361.523	361.406	24
25	360.549	360.482	360.510	360.763	362.124	361.507	361.633	361.112	360.804	361.420	361.530	361.389	25
26	360.548	360.480	360.512	360.817	362.141	361.477	361.630	361.096	360.793	361.450	361.536	361.372	26
27	360.547	360.477	360.514	360.869	362.154	361.449	361.622	361.078	360.788	361.474	361.543	361.355	27
28	360.543	360.479	360.516	360.916	362.158	361.426	361.611	361.061	360.796	361.493	361.547	361.339	28
29	360.542		360.516A	360.958	362.155	361.402	361.597	361.058	360.783	361.509	361.549	361.323	29
30	360.538		360.524A	360.994	362.155	361.376	361.584	361.032	360.771	361.512	361.550	361.310	30
31	360.535		360.526A		362.131		361.569	361.024		361.526		361.297	31
MEAN	360.547	360.504	360.490	360.658	361.688	361.767	361.482	361.262	360.880	361.137	361.532	361.486	MEAN
MAX	360.569	360.535	360.526	360.994	362.158	362.114	361.634	361.551	361.008	361.526	361.581	361.583	MAX
MIN	360.530	360.477	360.463	360.534	361.030	361.376	361.311	361.024	360.771	360.769	361.480	361.297	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 361.124
MAXIMUM DAILY, 362.158 ON MAY 28
MINIMUM DAILY, 360.463 ON MAR 9
MAXIMUM INSTANTANEOUS,
362.162 AT 14:30 CST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 31 20 N
LONG 92 12 50 W

A - MANUAL GAUGE

WATER LEVELS ARE REFERRED TO UNITED STATES AND CANADA BOUNDARY SURVEY DATUM

LAC SEUL AT GOLDPINES - STATION NO. 05QB003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	355.155	354.895	354.610	354.436	354.621	355.506	356.354	356.584	356.623	356.426	356.439	356.313	1
2	355.159	354.875	354.604	354.438	354.648	355.571	356.388	356.617	356.576	356.437	356.414	356.310	2
3	355.147	354.873	354.608	354.424	354.682	355.603	356.464	356.570	356.599	356.420	356.406	356.299	3
4	355.141	354.863	354.590	354.441	354.705	355.624	356.433	356.570	356.588	356.444	356.398	356.293	4
5	355.137	354.853	354.581	354.442	354.732	355.687	356.433	356.551	356.597	356.422	356.395	356.281	5
6	355.119	354.847	354.562	354.446	354.768	355.726	356.428	356.556	356.606	356.477	356.418	356.260	6
7	355.119	354.831	354.556	354.451	354.783	355.768	356.379	356.549	356.609	356.458	356.399	356.256	7
8	355.103	354.822	354.546	354.455	354.813	355.726	356.388	356.468	356.577	356.452	356.385	356.244	8
9	355.089	354.812	354.540	354.461	354.852	355.796	356.455	356.513	356.581	356.464	356.418	356.253	9
10	355.069	354.806	354.528	354.452	354.888	355.750	356.454	356.556	356.579	356.461	356.412	356.217	10
11	355.075	354.792	354.488	354.465	354.893	355.862	356.445	356.582	356.552	356.448	356.383	356.212	11
12	355.073	354.782	354.482	354.462	354.938	355.866	356.462	356.612	356.541	356.455	356.299	356.211	12
13	355.069	354.771	354.504	354.456	354.964	355.973	356.465	356.604	356.515	356.452	356.369	356.192	13
14	355.067	354.769	354.500	354.472	354.979	356.009	356.503	356.604	356.512	356.418	356.363	356.179	14
15	355.041	354.747	354.507	354.471	355.026	356.044	356.524	356.596	356.502	356.399	356.385	356.167	15
16	355.034	354.745	354.499	354.473	355.073	356.073	356.504	356.584	356.482	356.450	356.368	356.164	16
17	355.032	354.754	354.493	354.476	355.088	356.096	356.498A	356.603	356.448	356.511	356.382	356.158	17
18	355.028	354.735	354.487	354.488	355.109	356.123	356.475	356.631	356.466	356.444	356.398	356.135	18
19	355.006	354.729	354.489	354.476	355.146	356.159	356.527	356.591	356.459	356.451	356.387	356.112	19
20	355.001	354.712	354.483	354.467	355.205	356.163	356.520	356.613	356.460	356.431	356.356	356.105	20
21	354.995	354.711	354.473	354.467	355.248	356.204	356.499	356.645	356.446	356.448	356.283	356.096	21
22	354.986	354.684	354.474	354.466	355.283	356.244	356.523	356.626	356.458	356.459	356.333	356.085	22
23	354.959	354.677	354.474	354.472	355.314	356.279	356.546	356.638	356.440	356.472	356.332	356.084	23
24	354.965	354.666	354.456	354.489	355.340	356.232	356.516	356.621	356.437	356.453	356.343	356.067	24
25	354.958	354.660	354.457	354.498	355.361	356.292	356.502	356.562A	356.451	356.459	356.334	356.060	25
26	354.958	354.645	354.453	354.525	355.381	356.308	356.540	356.620A	356.427	356.468	356.330	356.061	26
27	354.947	354.639	354.456	354.544	355.408	356.291	356.532	356.581	356.455	356.473	356.335	356.049	27
28	354.923	354.636	354.456	354.561	355.444	356.312	356.531	356.644	356.535	356.465	356.326	356.026	28
29	354.923		354.454	354.583	355.454	356.325	356.528	356.645	356.446	356.425	356.319	356.022	29
30	354.907		354.449	354.600	355.489	356.330	356.528	356.616	356.387	356.396	356.319	356.023	30
31	354.907		354.423		355.531		356.521	356.661		356.426		356.014	31
MEAN	355.035	354.762	354.506	354.478	355.078	355.996	356.479	356.594	356.512	356.447	356.366	356.160	MEAN
MAX	355.159	354.895	354.610	354.600	355.531	356.330	356.546	356.661	356.623	356.511	356.439	356.313	MAX
MIN	354.907	354.636	354.423	354.424	354.621	355.506	356.354	356.468	356.387	356.396	356.243	356.014	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 355.707
MAXIMUM DAILY, 356.661 ON AUG 31
MINIMUM DAILY, 354.423 ON MAR 31
MAXIMUM INSTANTANEOUS,
356.697 AT 06:03 CST ON AUG 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 20 N
LONG 93 10 30 W

A - MANUAL GAUGE

REGULATED SINCE 1939

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1933 ADJ.)

LAC SEUL AT HUDSON - STATION NO. 05QB003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	355.180A	354.930A	354.640	354.465	354.636	355.648	356.407	356.600	356.671	356.486	356.477	356.334	1
2	355.170A	354.900A	354.634	354.465	354.660	355.681	356.406	356.572	356.683	356.458	356.482	356.330	2
3	355.160E	354.900A	354.633	354.485	354.677	355.687	356.425	356.585	356.668	356.488	356.497	356.328	3
4	355.150E	354.890A	354.609	354.481	354.703	355.702	356.436	356.597	356.646	356.461	356.499	356.316	4
5	355.140E	354.880A	354.596	354.473	354.751	355.730	356.454	356.605	356.648	356.480	356.485	356.309	5
6	355.133A	354.870E	354.589	354.466	354.773A	355.742	356.471	356.601	356.623	356.457	356.468	356.305	6
7	355.120A	354.860E	354.585	354.466	354.800A	355.706	356.509	356.604	356.601	356.476	356.458	356.298	7
8	355.110A	354.850A	354.572	354.466	354.820E	355.837	356.517	356.667	356.596	356.482	356.470	356.288	8
9	355.130A	354.840A	354.559	354.466	354.860E	355.863	356.505	356.603	356.593	356.479	356.453	356.271	9
10	355.110A	354.840A	354.546	354.469	354.890A	355.961	356.499	356.649	356.591	356.493	356.443	356.264	10
11	355.100A	354.810A	354.542	354.475	354.920A	356.003	356.512	356.640	356.583	356.510	356.449	356.255	11
12	355.080A	354.800A	354.529	354.471	354.950A	356.029A	356.518	356.631	356.581	356.511	356.490	356.241	12
13	355.070A	354.790E	354.537	354.483	354.970A	355.970E	356.530	356.632	356.573	356.508	356.456	356.233	13
14	355.070A	354.780E	354.535	354.477	355.000A	356.000A	356.525	356.645	356.566	356.522	356.427	356.223	14
15	355.060E	354.770A	354.521	354.479	355.053A	356.120A	356.518	356.649	356.527	356.534	356.419	356.210	15
16	355.050E	354.770A	354.518	354.495	355.077	356.140A	356.525	356.671	356.584	356.518	356.416	356.194	16
17	355.040A	354.760A	354.518	354.504	355.096	356.170A	356.540	356.668	356.510	356.486	356.412	356.179	17
18	355.030A	354.750A	354.519	354.502	355.185	356.190A	356.578	356.675	356.498	356.505	356.399	356.169	18
19	355.020A	354.750A	354.516	354.507	355.208	356.220E	356.562	356.701	356.509	356.505	356.398	356.159	19
20	355.010A	354.740E	354.509	354.506	355.246	356.250E	356.553	356.706	356.491	356.510	356.402	356.148	20
21	355.000A	354.720E	354.503	354.499	355.276	356.280A	356.579	356.692	356.477	356.496	356.455	356.133	21
22	355.000E	354.710A	354.497	354.491	355.309	356.290A	356.575	356.698	356.466	356.488	356.438	356.126	22
23	354.990E	354.700A	354.488	354.491	355.340	356.300A	356.560	356.704	356.474	356.482	356.406	356.121	23
24	354.980A	354.680A	354.490	354.499	355.373	356.330E	356.572	356.704	356.488	356.480	356.400	356.114	24
25	354.980A	354.675A	354.488	354.532	355.406	356.370A	356.596	356.712	356.459	356.486	356.392	356.108	25
26	354.950A	354.665	354.482	354.547	355.439	356.365A	356.591	356.707	356.448	356.482	356.378	356.093	26
27	354.950A	354.656	354.476	354.560	355.470	356.386	356.587	356.721	356.455	356.477	356.365	356.083	27
28	354.950A	354.641	354.465	354.572	355.498	356.402	356.588	356.701	356.439	356.479	356.357	356.081	28
29	354.940E		354.460	354.588	355.526	356.405	356.588	356.678	356.454	356.485	356.349	356.070	29
30	354.940E		354.461	354.607	355.567	356.408	356.594	356.685	356.463	356.497	356.341	356.058	30
31	354.930E		354.465		355.591		356.595	356.668		356.481		356.051	31
MEAN	355.050	354.783	354.531	354.500	355.098	356.078	356.529	356.660	356.543	356.490	356.429	356.196	MEAN
MAX	355.180	354.930	354.640	354.607	355.591	356.408	356.596	356.721	356.683	356.534	356.499	356.334	MAX
MIN	354.930	354.641	354.460	354.465	354.636	355.648	356.406	356.572	356.439	356.457	356.341	356.051	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 355.747
MAXIMUM DAILY, 356.721 ON AUG 27
MINIMUM DAILY, 354.460 ON MAR 29
MAXIMUM INSTANTANEOUS,
356.733 AT 19:00 CST ON AUG 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 05 30 N
LONG 92 10 00 W

A - MANUAL GAUGE
E - ESTIMATED

REGULATED SINCE 1929

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1923 ADJ.)

LADY EVELYN RIVER AT LADY EVELYN LAKE - STATION NO. 02JD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.0	35.7	38.4	8.40	0	0	0	0	4.60	6.50	17.1	32.3	1
2	24.0	35.2	37.1	8.40	0	0	0	0	4.70	6.30	16.9	32.0	2
3	24.0	35.0	44.2	8.40	0	0	0	0	5.40	6.60	17.1	32.0	3
4	23.8	34.7	43.2	8.40	0	0	0	0	5.40	6.50	17.1	32.0	4
5	23.8	34.6	42.2	8.40	0	0	0	0	5.50	6.60	17.3	31.5	5
6	23.8	34.4	41.2	8.40	0	0	0	0	5.10	6.30	17.7	31.8	6
7	23.8	34.4	39.0	8.40	0	0	0	0	5.10	6.50	17.3	31.7	7
8	23.8	34.4	36.8	8.40	0	0	0	0	5.00	6.80	17.1	30.9	8
9	23.8	33.7	25.8	8.40	0	0	0	0	5.30	6.70	16.7	30.8	9
10	23.8	33.7	4.50	8.40	0	0	0	0	5.30	6.80	16.5	30.5	10
11	23.8	33.7	4.60	8.40	0	0	0	0	5.00	8.00	16.4	30.2	11
12	23.3	33.7	4.60	8.40	0	0	0	0	5.10	7.90	16.2	30.2	12
13	23.3	32.7	4.60	4.20	0	0	0	0	5.00	12.8	16.7	30.2	13
14	23.3	32.7	4.50	0	0	0	0	0	5.10	16.7	16.7	30.2	14
15	23.3	32.7	4.50	0	0	0	0	0	5.00	16.9	17.0	29.4	15
16	23.3	33.2	4.50	0	0	0	0	0	5.10	16.7	17.3	29.3	16
17	23.3	30.4	4.50	0	0	0	0	0	5.30	16.9	17.1	29.2	17
18	23.3	37.8	4.50	0	0	0	0	0	5.40	16.9	17.0	29.1	18
19	23.3	37.2	6.90	0	0	0	0	0	5.40	16.9	17.0	28.5	19
20	30.9	37.2	8.40	0	0	0	0	0	5.60	16.9	17.0	28.4	20
21	37.6	37.2	8.40	0	0	0	0	0	5.70	18.2	17.5	33.4	21
22	37.6	35.8	8.40	0	0	0	0	0	5.90	17.3	17.3	35.7	22
23	37.6	35.8	9.00	0	0	0	0	0	5.90	17.3	17.5	40.7	23
24	37.6	35.8	9.00	0	0	0	0	0	6.00	17.1	17.5	39.8	24
25	36.7	34.4	9.00	0	0	0	0	2.20	6.00	17.5	27.0	39.3	25
26	36.7	34.4	9.00	0	0	0	0	5.10	6.20	17.1	34.9	38.2	26
27	36.7	34.4	8.40	0	0	0	0	4.90	6.30	17.3	34.3	37.7	27
28	36.7	34.4	8.40	0	0	0	0	5.30	6.20	17.5	34.0	36.9	28
29	35.7		8.40	0	0	0	0	5.10	6.30	17.3	33.6	37.1	29
30	35.7		8.40	0	0	0	0	5.00	7.50	17.5	33.3	36.1	30
31	35.7		8.40		0		0	4.70		17.1		35.9	31
TOTAL	884.0	977.3	494.80	105.00	0	0	0	32.30	165.40	483.40	686.1	1 021.0	TOTAL
MEAN	28.5	34.9	16.0	3.50	0	0	0	1.04	5.51	13.0	28.2	32.9	MEAN
MAX	37.6	38.4	44.2	8.40	0	0	0	5.30	7.50	18.2	34.9	40.7	MAX
MIN	23.3	32.7	4.50	0	0	0	0	0	4.60	6.30	16.2	28.4	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.8
MAXIMUM DAILY, 44.2 ON MAR 3
MINIMUM DAILY, 0 ON APR 14

TYPE OF GAUGE - MANUAL
LOCATION - LAT 47 27 38 N
LONG 79 59 43 W
DRAINAGE AREA, 1 370 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	76 480	JUL	0
FEB	84 480	AUG	2 790
MAR	42 880	SEP	14 300
APR	9 070	OCT	34 900
MAY	0	NOV	52 480
JUN	0	DEC	88 290

TOTAL DISCHARGE, 405 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

LAKE 114 NEAR KENORA - STATION NO. 05PD027

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	26.610E	26.611	26.592	26.534	26.553	26.512	26.543	---	---	1
2	---	---	---	26.614E	26.605	26.591	26.538	26.554	26.511	26.557	---	---	2
3	---	---	---	26.618E	26.603	26.586	26.678	26.556	26.511	26.565	---	---	3
4	---	---	---	26.620E	26.601	26.582	26.682	26.554	26.508	26.569	---	---	4
5	---	---	---	26.623E	26.603	26.576	26.680	26.550	26.505	26.569	---	---	5
6	---	---	---	26.624A	26.600	26.576	26.675	26.548	26.503	26.569	---	---	6
7	---	---	---	26.624E	26.592	26.584	26.659	26.543	26.500	26.619	---	---	7
8	---	---	---	26.623E	26.588	26.581	26.643	26.540	26.498	26.629	---	---	8
9	---	---	---	26.623E	26.588	26.587	26.635	26.537	26.500	26.624	---	---	9
10	---	---	---	26.623E	26.584	26.607	26.624	26.533	26.499	26.639	---	---	10
11	---	---	---	26.623E	26.584	26.609	26.615	26.528	26.498	26.653	---	---	11
12	---	---	---	26.623E	26.585	26.602	26.610	26.526	26.498	26.649	---	---	12
13	---	---	---	26.622E	26.578	26.600	26.605	26.529	26.502	26.640	---	---	13
14	---	---	---	26.622A	26.578	26.599	26.599	26.527	26.497	26.632	---	---	14
15	---	---	---	26.605	26.582	26.593	26.596	26.524	26.494	26.621	---	---	15
16	---	---	---	26.778	26.586	26.587	26.593	26.522	26.492	26.612	---	---	16
17	---	---	---	26.766	26.596	26.584	26.606	26.518	26.491	26.609	---	---	17
18	---	---	---	26.727	26.622	26.578	26.601	26.518	26.488	26.605	---	---	18
19	---	---	---	26.705	26.637	26.573	26.595	26.518	26.488	26.599	---	---	19
20	---	---	---	26.690	26.633	26.573	26.592	26.514	26.488	26.595A	---	---	20
21	---	---	---	26.673	26.627	26.571	26.588	26.515	26.486	26.591E	---	---	21
22	---	---	---	26.662	26.619	26.567	26.581	26.515	26.485	26.587E	---	---	22
23	---	---	---	26.659	26.613	26.565	26.576	26.513	26.490	26.584E	---	---	23
24	---	---	---	26.659	26.608	26.562	26.590	26.511	26.495	26.580E	---	---	24
25	---	---	---	26.653	26.598	26.556	26.588	26.510	26.494	26.576E	---	---	25
26	---	---	---	26.644	26.595	26.551	26.583	26.506	26.493	26.573E	---	---	26
27	---	---	---	26.636	26.591	26.545	26.577	26.502	26.495	26.570E	---	---	27
28	---	---	---	26.629	26.583	26.539	26.570	26.498	26.528	26.567E	---	---	28
29	---		---	26.623	26.580	26.533	26.568	26.500	26.544	26.564E	---	---	29
30	---		---	26.617	26.577	26.527	26.566	26.497	26.542	26.562E	---	---	30
31	---		---		26.587		26.561	26.498		26.561E		---	31
MEAN	---	---	---	26.650	26.598	26.576	26.603	26.524	26.501	26.594	---	---	MEAN
MAX	---	---	---	26.778	26.637	26.609	26.682	26.556	26.544	26.653	---	---	MAX
MIN	---	---	---	26.610	26.577	26.527	26.524	26.497	26.485	26.543	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 26.778 ON APR 16

MAXIMUM INSTANTANEOUS,
26.790 AT 21:46 CST ON APR 16

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 11 N
LONG 93 45 27 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

LAKE 114 OUTLET NEAR KENORA - STATION NO. 05PD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.002E	0.009	0.004	0	0	0	0	---	---	1
2	---	---	---	0.002E	0.007	0.005	0.001	0	0	0	---	---	2
3	---	---	---	0.002E	0.006	0.003	0.023	0	0	0.003	---	---	3
4	---	---	---	0.002E	0.005	0.002	0.027	0	0	0.005	---	---	4
5	---	---	---	0.002E	0.006	0.002	0.028	0	0	0.003	---	---	5
6	---	---	---	0.002A	0.005	0.002	0.027	0	0	0.003	---	---	6
7	---	---	---	0.002E	0.004	0.002	0.021	0	0	0.010	---	---	7
8	---	---	---	0.002E	0.004	0.002	0.015	0	0	0.014	---	---	8
9	---	---	---	0.002E	0.004	0.004	0.012	0	0	0.013	---	---	9
10	---	---	---	0.002E	0.003	0.007	0.010	0	0	0.010	---	---	10
11	---	---	---	0.003E	0.003	0.007	0.008	0	0	0.022	---	---	11
12	---	---	---	0.003A	0.003	0.006	0.007	0	0	0.022	---	---	12
13	---	---	---	0.003	0.003	0.005	0.006	0	0	0.019	---	---	13
14	---	---	---	0.004	0.003	0.005	0.005	0	0	0.016	---	---	14
15	---	---	---	0.012	0.004	0.004	0.004	0	0	0.013	---	---	15
16	---	---	---	0.079	0.004	0.004	0.004	0	0	0.011	---	---	16
17	---	---	---	0.090	0.005	0.003	0.006	0	0	0.010	---	---	17
18	---	---	---	0.057	0.010	0.003	0.005	0	0	0.009	---	---	18
19	---	---	---	0.042	0.014	0.002	0.004	0	0	0.008	---	---	19
20	---	---	---	0.032	0.014	0.002	0.003	0	0	0.006	---	---	20
21	---	---	---	0.027	0.012	0.002	0.003	0	0	0.005	---	---	21
22	---	---	---	0.024	0.010	0.001	0.002	0	0	0.005	---	---	22
23	---	---	---	0.025	0.008	0.001	0.001	0	0	0.003	---	---	23
24	---	---	---	0.024	0.006	0.001	0.003	0	0	0.007	---	---	24
25	---	---	---	0.033	0.005	0.001	0.002	0	0	0.004	---	---	25
26	---	---	---	0.030	0.004	0	0.002	0	0	0.003	---	---	26
27	---	---	---	0.016	0.003	0	0.001	0	0	0.003	---	---	27
28	---	---	---	0.014	0.003	0	0.001	0	0	0.002	---	---	28
29	---		---	0.011	0.002	0	0.001	0	0	0.002	---	---	29
30	---		---	0.010	0.002	0	0.001	0	0	0.003	---	---	30
31	---		---		0.003		0.001	0		0.002		---	31
TOTAL	---	---	---	0.539	0.174	0.080	0.234	0	0	0.244	---	---	TOTAL
MEAN	---	---	---	0.018	0.006	0.003	0.008	0	0	0.008	---	---	MEAN
MAX	---	---	---	0.090	0.014	0.007	0.028	0	0	0.022	---	---	MAX
MIN	---	---	---	0.002	0.002	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.006
MAXIMUM DAILY, 0.090 ON APR 17
MINIMUM DAILY, 0 ON JUN 26
MAXIMUM INSTANTANEOUS,
0.109 AT 00:00 CST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 14 N
LONG 93 45 30 W

DRAINAGE AREA, 0.58 km²

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	20.2
FEB	---	AUG	0
MAR	---	SEP	0
APR	46.6	OCT	21.1
MAY	15.0	NOV	---
JUN	6.91	DEC	---

TOTAL DISCHARGE, 110 dam³

LAKE 223 NEAR KENORA - STATION NO. 05QD021

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	29.488E	29.565	29.522	29.450	29.425	25.338	29.342	---	---	1
2	---	---	---	29.489E	29.562	29.521	29.466	29.423	29.337	29.354	---	---	2
3	---	---	---	29.489E	29.559	29.518	29.563	29.424	29.332	29.350	---	---	3
4	---	---	---	29.490E	29.562	29.513	29.580	29.422	29.331	29.362	---	---	4
5	---	---	---	29.491E	29.568	29.505	29.584	29.418	29.327	29.362	---	---	5
6	---	---	---	29.492A	29.564	29.506	29.577	29.414	29.321	29.369	---	---	6
7	---	---	---	29.492	29.562	29.511	29.561	29.411	29.320	29.405	---	---	7
8	---	---	---	29.489	29.559	29.507	29.549	29.410	29.317	29.418	---	---	8
9	---	---	---	29.486	29.556	29.513	29.538	29.403	29.316	29.429	---	---	9
10	---	---	---	29.487	29.558	29.522	29.529	29.396	29.316	29.454	---	---	10
11	---	---	---	29.486	29.557	29.519	29.520	29.390	29.317	29.475	---	---	11
12	---	---	---	29.482	29.556	29.514	29.512	29.386	29.317	29.489	---	---	12
13	---	---	---	29.482	29.554	29.511	29.506	29.388	29.319	29.500	---	---	13
14	---	---	---	29.482	29.554	29.511	29.498	29.386	29.312	29.508	---	---	14
15	---	---	---	29.489	29.556	29.507	29.491	29.385	29.307	29.507	---	---	15
16	---	---	---	29.514	29.559	29.502	29.486	29.382	29.307	29.507	---	---	16
17	---	---	---	29.529	29.567	29.501	29.498	29.377	29.302	29.510	---	---	17
18	---	---	---	29.536	29.587	29.496	29.489	29.376	29.300	29.511	---	---	18
19	---	---	---	29.540	29.597	29.491	29.481	29.375	29.300	29.509	---	---	19
20	---	---	---	29.540	29.592	29.486	29.473	29.370	29.295	29.506	---	---	20
21	---	---	---	29.541	29.575	29.484	29.469	29.371	29.291	29.503	---	---	21
22	---	---	---	29.546	29.557	29.483	29.463	29.370	29.289	29.503	---	---	22
23	---	---	---	29.560	29.543	29.479	29.454	29.366	29.301	29.501	---	---	23
24	---	---	---	29.580	29.533	29.475	29.472	29.361	29.307	29.500	---	---	24
25	---	---	---	29.590	29.523	29.473	29.466	29.359	29.306	29.499	---	---	25
26	---	---	---	29.590	29.516	29.469	29.460	29.353	29.303	29.500	---	---	26
27	---	---	---	29.583	29.511	29.467	29.454	29.344	29.306	29.498	---	---	27
28	---	---	---	29.577	29.504	29.461	29.447	29.338	29.339	29.500	---	---	28
29	---		---	29.573	29.500	29.457	29.444	29.337	29.346	29.500	---	---	29
30	---		---	29.569	29.502	29.452	29.440	29.334	29.344	29.498	---	---	30
31	---		---		29.513		29.434	29.333		29.495		---	31
MEAN	---	---	---	29.523	29.551	29.496	29.495	29.382	29.315	29.464	---	---	MEAN
MAX	---	---	---	29.590	29.597	29.522	29.584	29.425	29.346	29.511	---	---	MAX
MIN	---	---	---	29.482	29.502	29.452	29.434	29.333	29.289	29.342	---	---	MIN

WATER LEVELS IN METRES

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 58 N
LONG 93 42 36 W

MAXIMUM INSTANTANEOUS,
29.598 AT 14:51 CST ON MAY 19

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE 223 OUTLET NEAR KENORA - STATION NO. 05QD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.010	0.051	0.026	0.009	0.022	0.007	0.002	---	---	1
2	---	---	---	0.009	0.046	0.024	0.015	0.020	0.007	0.002	---	---	2
3	---	---	---	0.009	0.045	0.025	0.072	0.020	0.007	0.003	---	---	3
4	---	---	---	0.009	0.046	0.028	0.093	0.018	0.006	0.002	---	---	4
5	---	---	---	0.009	0.048	0.024	0.097	0.017	0.005	0.002	---	---	5
6	---	---	---	0.010	0.046	0.023	0.088	0.017	0.004	0.002	---	---	6
7	---	---	---	0.010	0.046	0.030	0.077	0.016	0.004	0.003	---	---	7
8	---	---	---	0.010	0.044	0.028	0.063	0.016	0.004	0.003	---	---	8
9	---	---	---	0.009	0.042	0.030	0.055	0.016	0.003	0.004	---	---	9
10	---	---	---	0.009	0.042	0.033	0.050	0.015	0.003	0.005	---	---	10
11	---	---	---	0.009	0.040	0.032	0.046	0.014	0.002	0.007	---	---	11
12	---	---	---	0.009	0.038	0.029	0.044	0.011	0.003	0.010	---	---	12
13	---	---	---	0.009	0.036	0.028	0.040	0.012	0.003	0.013	---	---	13
14	---	---	---	0.009	0.033	0.028	0.038	0.012	0.002	0.020	---	---	14
15	---	---	---	0.011	0.035	0.027	0.036	0.011	0.002	0.024	---	---	15
16	---	---	---	0.017	0.037	0.025	0.034	0.012	0.002	0.022	---	---	16
17	---	---	---	0.025	0.041	0.025	0.038	0.011	0.002	0.025	---	---	17
18	---	---	---	0.031	0.059	0.023	0.035	0.011	0.002	0.024	---	---	18
19	---	---	---	0.033	0.071	0.021	0.032	0.011	0.002	0.022	---	---	19
20	---	---	---	0.033	0.076	0.020	0.031	0.011	0.001	0.021	---	---	20
21	---	---	---	0.033	0.108	0.019	0.030	0.011	0.001	0.019	---	---	21
22	---	---	---	0.038	0.084	0.017	0.029	0.011	0.001	0.018	---	---	22
23	---	---	---	0.054	0.064	0.016	0.027	0.011	0.001	0.017	---	---	23
24	---	---	---	0.078	0.050	0.015	0.034	0.011	0.001	0.017	---	---	24
25	---	---	---	0.093	0.042	0.014	0.032	0.010	0.001	0.016	---	---	25
26	---	---	---	0.086	0.030	0.014	0.031	0.010	0.001	0.016	---	---	26
27	---	---	---	0.074	0.036	0.013	0.029	0.008	0.001	0.016	---	---	27
28	---	---	---	0.064	0.025	0.012	0.027	0.008	0.003	0.016	---	---	28
29	---		---	0.059	0.017	0.012	0.026	0.007	0.002	0.015	---	---	29
30	---		---	0.056	0.019	0.011	0.025	0.007	0.002	0.016	---	---	30
31	---		---		0.022		0.024	0.006		0.014		---	31
TOTAL	---	---	---	0.915	1.419	0.672	1.307	0.393	0.085	0.396	---	---	TOTAL
MEAN	---	---	---	0.031	0.046	0.022	0.042	0.013	0.003	0.013	---	---	MEAN
MAX	---	---	---	0.093	0.108	0.033	0.097	0.022	0.007	0.025	---	---	MAX
MIN	---	---	---	0.009	0.017	0.011	0.009	0.006	0.001	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.024
MAXIMUM DAILY, 0.108 ON MAY 21
MINIMUM DAILY, 0.001 ON SEP 20
MAXIMUM INSTANTANEOUS,
0.124 AT 21:36 CST ON MAY 20

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 58 N
LONG 93 42 50 W
DRAINAGE AREA, 2.60 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	113
FEB	---	AUG	34.0
MAR	---	SEP	7.34
APR	79.1	OCT	38.2
MAY	123	NOV	---
JUN	58.1	DEC	---

TOTAL DISCHARGE, 449 dam³

LAKE 224 OUTLET NEAR KENORA - STATION NO. 05QD018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.003E	0.006	0.008	0.005	0.013	0.003E	0.001	---	---	1
2	---	---	---	0.003E	0.006	0.009	0.008	0.013	0.003E	0.002	---	---	2
3	---	---	---	0.003E	0.006	0.009	0.015	0.012	0.002E	0.002	---	---	3
4	---	---	---	0.003E	0.007	0.008	0.012	0.012	0.002E	0.002	---	---	4
5	---	---	---	0.003E	0.006	0.007	0.012	0.012	0.002E	0.002	---	---	5
6	---	---	---	0.003A	0.005	0.007	0.013	0.012	0.001E	0.002	---	---	6
7	---	---	---	0.003	0.006	0.007	0.014	0.011	0.001E	0.005	---	---	7
8	---	---	---	0.003	0.006	0.005A	0.015	0.011	0.001E	0.004	---	---	8
9	---	---	---	0.003	0.007	0.008E	0.015	0.010	0.001A	0.004	---	---	9
10	---	---	---	0.003	0.007	0.009E	0.015	0.009	0.001	0.005	---	---	10
11	---	---	---	0.003	0.007	0.008E	0.015	0.009	0.001	0.006	---	---	11
12	---	---	---	0.003	0.007	0.008E	0.015	0.008	0.001	0.007	---	---	12
13	---	---	---	0.004	0.007	0.007E	0.016	0.009	0.001	0.007	---	---	13
14	---	---	---	0.004	0.006	0.007A	0.016	0.008	0.001	0.008	---	---	14
15	---	---	---	0.005	0.006	0.007	0.017	0.008	0.001	0.008	---	---	15
16	---	---	---	0.007	0.006	0.007	0.016	0.007	0.001	0.007	---	---	16
17	---	---	---	0.006	0.007	0.007	0.017	0.007	0.001	0.007	---	---	17
18	---	---	---	0.006	0.008	0.007	0.015	0.007	0.001	0.007	---	---	18
19	---	---	---	0.006	0.006	0.007	0.014	0.007	0.001	0.007	---	---	19
20	---	---	---	0.005	0.005	0.007	0.014	0.006	0.001	0.007	---	---	20
21	---	---	---	0.006	0.006	0.007	0.014	0.006	0	0.006	---	---	21
22	---	---	---	0.006	0.005	0.007	0.014	0.006	0	0.006	---	---	22
23	---	---	---	0.006	0.004	0.008	0.014	0.006E	0.001	0.006	---	---	23
24	---	---	---	0.008	0.004	0.008	0.017	0.006E	0.001	0.006	---	---	24
25	---	---	---	0.008	0.003	0.008	0.015	0.005E	0.001	0.006	---	---	25
26	---	---	---	0.008	0.003	0.007	0.015	0.004E	0.001	0.006	---	---	26
27	---	---	---	0.007	0.003	0.007	0.015	0.004E	0.001	0.005	---	---	27
28	---	---	---	0.008	0.002	0.007	0.014	0.003E	0.003	0.005	---	---	28
29	---		---	0.006	0.005	0.006	0.014	0.003E	0.002	0.005	---	---	29
30	---		---	0.006	0.006	0.006	0.013	0.003E	0.002	0.005	---	---	30
31	---		---		0.006		0.013	0.003E		0.005		---	31
TOTAL	---	---	---	0.148	0.174	0.220	0.437	0.248	0.039	0.161	---	---	TOTAL
MEAN	---	---	---	0.005	0.006	0.007	0.014	0.008	0.001	0.005	---	---	MEAN
MAX	---	---	---	0.008	0.008	0.009	0.017	0.013	0.003	0.008	---	---	MAX
MIN	---	---	---	0.003	0.002	0.005	0.005	0.003	0	0.001	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.017 ON JUL 15
MINIMUM DAILY, 0 ON SEP 21
MAXIMUM INSTANTANEOUS,
0.023 AT 01:33 CST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 25 N
LONG 93 44 15 W
DRAINAGE AREA, 0.97 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	37.8
FEB	---	AUG	20.7
MAR	---	SEP	3.37
APR	12.8	OCT	13.9
MAY	15.0	NOV	---
JUN	19.0	DEC	---

TOTAL DISCHARGE, 123 dam³

LAKE 225 OUTLET NEAR KENORA - STATION NO. 05QD019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0	0.007	0.002	0	0.001	0	0	---	---	1
2	---	---	---	0	0.007	0.002	0.001	0.001	0	0	---	---	2
3	---	---	---	0	0.006	0.002	0.009	0.001	0	0	---	---	3
4	---	---	---	0	0.006	0.001	0.015	0.001	0	0	---	---	4
5	---	---	---	0	0.007	0.001	0.015	0	0	0	---	---	5
6	---	---	---	0	0.006	0.001	0.015	0	0	0	---	---	6
7	---	---	---	0	0.005	0.002	0.011	0	0	0.004	---	---	7
8	---	---	---	0	0.005	0.001	0.009	0	0	0.004	---	---	8
9	---	---	---	0	0.005	0.002	0.007	0	0	0.004	---	---	9
10	---	---	---	0	0.004	0.002	0.006	0	0	0.006	---	---	10
11	---	---	---	0	0.004	0.002	0.005	0	0	0.007	---	---	11
12	---	---	---	0	0.003	0.002	0.004	0	0	0.007	---	---	12
13	---	---	---	0	0.003	0.001	0.003	0	0	0.007	---	---	13
14	---	---	---	0	0.003	0.001	0.003	0	0	0.006	---	---	14
15	---	---	---	0	0.003	0.001	0.002	0	0	0.006	---	---	15
16	---	---	---	0.002	0.003	0.001	0.002	0	0	0.005	---	---	16
17	---	---	---	0.006	0.003	0.001	0.003	0	0	0.004	---	---	17
18	---	---	---	0.006	0.005	0.001	0.004	0	0	0.004	---	---	18
19	---	---	---	0.006	0.006	0.001	0.003	0	0	0.004	---	---	19
20	---	---	---	0.006	0.006	0.001	0.003	0	0	0.003	---	---	20
21	---	---	---	0.005	0.006	0.001	0.003	0	0	0.003	---	---	21
22	---	---	---	0.005	0.005	0.001	0.002	0	0	0.002	---	---	22
23	---	---	---	0.008	0.004	0.001	0.002	0	0	0.002	---	---	23
24	---	---	---	0.011	0.004	0.001	0.004	0	0	0.002	---	---	24
25	---	---	---	0.013	0.003	0	0.004	0	0	0.002	---	---	25
26	---	---	---	0.013	0.003	0	0.004	0	0	0.002	---	---	26
27	---	---	---	0.011	0.002	0	0.003	0	0	0.001	---	---	27
28	---	---	---	0.010	0.002	0	0.002	0	0	0.001	---	---	28
29	---		---	0.009	0.002	0	0.002	0	0	0.001	---	---	29
30	---		---	0.007	0.001	0	0.001	0	0	0.001	---	---	30
31	---		---		0.002		0.001	0		0.001		---	31
TOTAL	---	---	---	0.118	0.131	0.032	0.148	0.004	0	0.089	---	---	TOTAL
MEAN	---	---	---	0.004	0.004	0.001	0.005	0	0	0.003	---	---	MEAN
MAX	---	---	---	0.013	0.007	0.002	0.015	0.001	0	0.007	---	---	MAX
MIN	---	---	---	0	0.001	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.015 ON JUL 4
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
0.016 AT 21:56 CST ON JUL 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 15 N
LONG 93 44 25 W
DRAINAGE AREA, 0.30 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	12.8
FEB	---	AUG	0.35
MAR	---	SEP	0
APR	10.2	OCT	7.69
MAY	11.3	NOV	---
JUN	2.76	DEC	---

TOTAL DISCHARGE, 45.1 dam³

LAKE 226 OUTLET NEAR KENORA - STATION NO. 05QD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.002E	0.002	0.022	0	0	0	0	---	---	1
2	---	---	---	0.002E	0.001	0.011	0.001	0	0	0.001	---	---	2
3	---	---	---	0.002E	0.001	0	0.022	0	0	0.001	---	---	3
4	---	---	---	0.002E	0.001	0	0.019	0.027	0	0.002	---	---	4
5	---	---	---	0.002E	0.039	0	0.019	0.033	0	0.001	---	---	5
6	---	---	---	0.002A	0.031	0	0.047	0.007	0	0.002	---	---	6
7	---	---	---	0.002E	0.022	0.011	0.034	0	0	0.025	---	---	7
8	---	---	---	0.002E	0.015	0.012	0.041	0	0	0.038	---	---	8
9	---	---	---	0.002E	0.013	0	0.018	0	0	0.036	---	---	9
10	---	---	---	0.002E	0.012	0.001	0.015	0.015	0	0.042	---	---	10
11	---	---	---	0.002E	0.021	0	0.021	0.012	0	0.047	---	---	11
12	---	---	---	0.002E	0.038	0	0.026	0	0	0.044	---	---	12
13	---	---	---	0.002E	0.018	0	0.051	0	0	0.037	---	---	13
14	---	---	---	0.002A	0.032	0	0.059	0	0	0.036	---	---	14
15	---	---	---	0.004	0.004	0.010	0.012	0	0	0.037	---	---	15
16	---	---	---	0.019	0.002	0.002	0.003	0	0	0.030	---	---	16
17	---	---	---	0.042	0.002	0.001	0.002	0	0	0.026	---	---	17
18	---	---	---	0.046	0.034	0.001	0.002	0	0	0.033	---	---	18
19	---	---	---	0.043	0.045	0.001	0.001	0	0	0.033	---	---	19
20	---	---	---	0.041	0.041	0.001	0.052	0	0	0.029	---	---	20
21	---	---	---	0.038	0.034	0.001	0.065	0	0	0.028	---	---	21
22	---	---	---	0.039	0.018	0	0.059	0	0	0.028	---	---	22
23	---	---	---	0.042	0.007	0	0.041	0	0	0.025	---	---	23
24	---	---	---	0.029	0.026	0	0.017	0	0	0.022	---	---	24
25	---	---	---	0.019	0.030	0	0.004	0	0	0.020	---	---	25
26	---	---	---	0.015	0.024	0	0.003	0	0	0.018	---	---	26
27	---	---	---	0.016	0.002	0	0.018	0	0	0.016	---	---	27
28	---	---	---	0.010	0.001	0	0.032	0	0	0.014	---	---	28
29	---		---	0.003	0	0	0.008	0	0	0.013	---	---	29
30	---		---	0.002	0	0.016	0.001	0	0	0.012	---	---	30
31	---		---		0		0	0		0.010		---	31
TOTAL	---	---	---	0.436	0.516	0.090	0.693	0.094	0	0.706	---	---	TOTAL
MEAN	---	---	---	0.015	0.017	0.003	0.022	0.003	0	0.023	---	---	MEAN
MAX	---	---	---	0.046	0.045	0.022	0.065	0.033	0	0.047	---	---	MAX
MIN	---	---	---	0.002	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.012
MAXIMUM DAILY, 0.065 ON JUL 21
MINIMUM DAILY, 0 ON MAY 29
MAXIMUM INSTANTANEOUS,
0.139 AT 12:17 CST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 15 N
LONG 93 44 20 W
DRAINAGE AREA, 0.97 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	59.9
FEB	---	AUG	8.12
MAR	---	SEP	0
APR	37.7	OCT	61.0
MAY	44.6	NOV	---
JUN	7.78	DEC	---

TOTAL DISCHARGE, 219 dam³

LAKE 227 NEAR KENORA - STATION NO. 05QD009

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	28.998A	29.061	29.018	28.943	28.960E	28.934	29.020	---	---	1
2	---	---	---	29.002	29.054	29.019	28.962	28.962E	28.935	29.028	---	---	2
3	---	---	---	29.004	29.048	29.014	29.115	28.964E	28.934	29.033	---	---	3
4	---	---	---	29.005	29.052	29.007	29.124	28.966E	28.931	29.032	---	---	4
5	---	---	---	29.004	29.061	29.000	29.106	28.967A	28.928	29.030	---	---	5
6	---	---	---	29.002E	29.062	28.997	29.096	28.967	28.925	29.026	---	---	6
7	---	---	---	29.000A	29.054	29.007	29.078	28.961	28.923	29.085	---	---	7
8	---	---	---	29.002	29.046	29.007	29.059	28.961	28.922	29.094	---	---	8
9	---	---	---	28.998	29.039	29.015	29.042	28.959	28.922	29.082	---	---	9
10	---	---	---	28.994	29.036	29.033	29.034	28.956	28.920	29.085	---	---	10
11	---	---	---	28.995	29.036	29.033	29.023	28.951	28.919	29.093	---	---	11
12	---	---	---	28.994	29.032	29.028	29.016	28.947	28.924	29.086	---	---	12
13	---	---	---	28.993	29.027	29.022	29.006	28.949	28.924	29.074	---	---	13
14	---	---	---	28.995	29.027	29.021	28.999	28.948	28.922	29.059	---	---	14
15	---	---	---	29.003	29.027	29.014	28.993	28.945	28.919	29.047	---	---	15
16	---	---	---	29.047	29.028	29.009	28.997	28.941	28.916	29.039	---	---	16
17	---	---	---	29.083	29.037	29.000	29.010	28.938	28.913	29.032	---	---	17
18	---	---	---	29.086	29.067	28.996	29.004A	28.936	28.914	29.028	---	---	18
19	---	---	---	29.078	29.087	28.988	28.997E	28.933	28.911	29.023	---	---	19
20	---	---	---	29.072	29.081	28.984	28.990E	28.930	28.910	29.017	---	---	20
21	---	---	---	29.065	29.064	28.983A	28.984E	28.932	28.909	29.013	---	---	21
22	---	---	---	29.069	29.052	28.979E	28.978E	28.934	28.906	29.009	---	---	22
23	---	---	---	29.099	29.040	28.975E	28.975E	28.932	28.933	29.006	---	---	23
24	---	---	---	29.134	29.033	28.971E	28.980E	28.932	28.953	29.003	---	---	24
25	---	---	---	29.144	29.024	28.967E	28.988E	28.930	28.952	29.002	---	---	25
26	---	---	---	29.124	29.017	28.963E	28.982E	28.929	28.950	29.000	---	---	26
27	---	---	---	29.100	29.009	28.959E	28.975E	28.925	28.954	28.998	---	---	27
28	---	---	---	29.086	29.002	28.955E	28.968E	28.921	29.005	28.998	---	---	28
29	---		---	29.075	28.997	28.951E	28.964E	28.924	29.026	28.999	---	---	29
30	---		---	29.069	28.993	28.947A	28.962E	28.924	29.024	28.998	---	---	30
31	---		---		29.004		28.960E	28.925		28.995		---	31
MEAN	---	---	---	29.044	29.039	28.995	29.010	28.944	28.935	29.033	---	---	MEAN
MAX	---	---	---	29.144	29.087	29.033	29.124	28.967	29.026	29.094	---	---	MAX
MIN	---	---	---	28.993	28.993	28.947	28.943	28.921	28.906	28.995	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.144 ON APR 25

MAXIMUM INSTANTANEOUS,
29.147 AT 06:00 CST ON APR 25

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 12 N
LONG 93 41 18 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

LAKE 227 OUTLET NEAR KENORA - STATION NO. 05QD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0 A	0.010	0.004	0 E	0	0	0.005	---	---	1
2	---	---	---	0 E	0.008	0.005A	0 E	0.001	0	0.006	---	---	2
3	---	---	---	0.001E	0.008	0.004E	0.033E	0.001	0	0.007	---	---	3
4	---	---	---	0.001E	0.008	0.003E	0.037E	0.001	0	0.007	---	---	4
5	---	---	---	0.001E	0.010	0.003E	0.026E	0.001	0	0.006	---	---	5
6	---	---	---	0.002E	0.009	0.002E	0.021A	0	0	0.005	---	---	6
7	---	---	---	0.002E	0.009	0.004E	0.014	0	0	0.017	---	---	7
8	---	---	---	0.002	0.008	0.004E	0.010	0	0	0.019	---	---	8
9	---	---	---	0.002	0.007	0.004E	0.008	0	0	0.015	---	---	9
10	---	---	---	0.001	0.006	0.007E	0.006	0	0	0.016	---	---	10
11	---	---	---	0.001	0.006	0.007E	0.005	0	0	0.020	---	---	11
12	---	---	---	0.001	0.005	0.006E	0.003	0	0	0.017	---	---	12
13	---	---	---	0.001	0.005	0.005E	0.003	0	0	0.014	---	---	13
14	---	---	---	0.001	0.005	0.005E	0.002	0	0	0.011	---	---	14
15	---	---	---	0.002	0.005	0.004E	0.002	0	0	0.009	---	---	15
16	---	---	---	0.007	0.005	0.004E	0.002	0	0	0.007	---	---	16
17	---	---	---	0.013	0.006	0.003E	0.003	0	0	0.006	---	---	17
18	---	---	---	0.012	0.012	0.002E	0.003	0	0	0.006	---	---	18
19	---	---	---	0.011	0.018	0.002E	0.002	0	0	0.005	---	---	19
20	---	---	---	0.009	0.015	0.001E	0.002	0	0	0.004	---	---	20
21	---	---	---	0.008	0.013	0.001E	0.002	0	0	0.004	---	---	21
22	---	---	---	0.010	0.010	0.001E	0.001	0	0	0.003	---	---	22
23	---	---	---	0.018	0.008	0.001E	0.001	0	0	0.003	---	---	23
24	---	---	---	0.030	0.007	0.001E	0.002	0	0	0.003	---	---	24
25	---	---	---	0.033	0.005	0.001E	0.002	0	0	0.002	---	---	25
26	---	---	---	0.024	0.005	0 E	0.002	0	0	0.002	---	---	26
27	---	---	---	0.017	0.004	0 E	0.001	0	0	0.002	---	---	27
28	---	---	---	0.013	0.003	0 E	0.001	0	0.002	0.002	---	---	28
29	---		---	0.011	0.003	0 E	0.001	0	0.007	0.002	---	---	29
30	---		---	0.012	0.003	0 A	0.001	0	0.006	0.002	---	---	30
31	---		---		0.003		0.001	0		0.002		---	31
TOTAL	---	---	---	0.246	0.229	0.084	0.197	0.004	0.015	0.229	---	---	TOTAL
MEAN	---	---	---	0.008	0.007	0.003	0.006	0	0.001	0.007	---	---	MEAN
MAX	---	---	---	0.033	0.018	0.007	0.037	0.001	0.007	0.020	---	---	MAX
MIN	---	---	---	0	0.003	0	0	0	0	0.002	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.037E ON JUL 4
MINIMUM DAILY, 0A ON APR 1
MAXIMUM INSTANTANEOUS,
0.037 AT 00:38 CST ON APR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 18 N
LONG 93 41 19 W
DRAINAGE AREA, 0.34 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	17.0
FEB	---	AUG	0.35
MAR	---	SEP	1.30
APR	21.3	OCT	19.8
MAY	19.8	NOV	---
JUN	7.26	DEC	---

TOTAL DISCHARGE, 86.8 dam³

LAKE 239 NEAR KENORA - STATION NO. 05PD021

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.533	29.517	29.506	29.515E	29.714	29.618	29.519	29.558	29.483	29.608	29.595	29.548	1
2	29.533	29.515	29.506	29.522A	29.702	29.617	29.528	29.553	29.485	29.623	29.588	29.549	2
3	29.538	29.515	29.505	29.530	29.694	29.614	29.639	29.558	29.486	29.635	29.584	29.550	3
4	29.537	29.512	29.502	29.533	29.690	29.605	29.684	29.555	29.483	29.640	29.580	29.550	4
5	29.534	29.510	29.502	29.531	29.690	29.596	29.699	29.551	29.480	29.642	29.573	29.549	5
6	29.535	29.510	29.500	29.530	29.684	29.594	29.714	29.546	29.477	29.645	29.568	29.547	6
7	29.534	29.509	29.501	29.529	29.677	29.602	29.709	29.542	29.475	29.700	29.564	29.545	7
8	29.535	29.508	29.501	29.528	29.666	29.598	29.698	29.539	29.474	29.722	29.559	29.545	8
9	29.532	29.507	29.501	29.527	29.659	29.602	29.687	29.530	29.475	29.723	29.556	29.538	9
10	29.531	29.506	29.499	29.527	29.654	29.617	29.676	29.524	29.475	29.736	29.554	29.534	10
11	29.530	29.506	29.500	29.526	29.653	29.619	29.666	29.519	29.476	29.756	29.555	29.533	11
12	29.532	29.505	29.504	29.524	29.649	29.614	29.656	29.516	29.476	29.756	29.558A	29.532	12
13	29.531	29.503	29.513	29.524	29.640	29.609	29.650	29.516	29.478	29.747	29.559E	29.528	13
14	29.528	29.503	29.511	29.539	29.636	29.610	29.640	29.515	29.476	29.736	29.560E	29.525	14
15	29.529	29.504	29.508	29.616	29.636	29.605	29.634	29.513	29.471	29.723	29.561E	29.526	15
16	29.525	29.501	29.509	29.779	29.634	29.599	29.627	29.510	29.466	29.710	29.562E	29.524	16
17	29.524	29.510	29.511	29.851	29.639	29.596	29.642	29.505	29.465	29.698	29.563E	29.523	17
18	29.520	29.511	29.512	29.845	29.659	29.590	29.636	29.504	29.461	29.689	29.563E	29.523	18
19	29.523	29.511	29.511	29.834	29.679	29.583	29.629	29.504	29.461	29.680	29.564E	29.523	19
20	29.522	29.508	29.510	29.823	29.682	29.579	29.621	29.498	29.458	29.665	29.565E	29.523	20
21	29.520	29.508	29.508	29.811	29.677	29.575	29.612	29.498	29.454	29.657	29.566E	29.523	21
22	29.519	29.507	29.506	29.805	29.670	29.571	29.603	29.499	29.453	29.649	29.567E	29.521	22
23	29.527	29.506	29.508	29.807	29.661	29.565	29.595	29.497	29.478	29.641	29.568A	29.523	23
24	29.526	29.505	29.508	29.804	29.650	29.563	29.609	29.493	29.505	29.634	29.567	29.523	24
25	29.525	29.504	29.508	29.794	29.643	29.556	29.605	29.491	29.509	29.627	29.565	29.522	25
26	29.522	29.504	29.505E	29.780	29.636	29.550	29.597	29.485	29.510	29.622	29.560	29.521	26
27	29.521	29.502	29.504E	29.765	29.632	29.541	29.589	29.478	29.514	29.616	29.557	29.521	27
28	29.520	29.504	29.502E	29.748	29.622	29.535	29.583	29.470	29.566	29.612	29.555	29.517	28
29	29.521		29.500E	29.736	29.611	29.528	29.578	29.472	29.600	29.608	29.553	29.516A	29
30	29.519		29.505E	29.724	29.607	29.524	29.574	29.469	29.607	29.605	29.550	29.515E	30
31	29.516		29.515E		29.613		29.567	29.470		29.599		29.513A	31
MEAN	29.527	29.508	29.506	29.664	29.657	29.586	29.628	29.512	29.489	29.668	29.565	29.530	MEAN
MAX	29.538	29.517	29.515	29.851	29.714	29.619	29.714	29.558	29.607	29.756	29.595	29.550	MAX
MIN	29.516	29.501	29.499	29.515	29.607	29.524	29.519	29.469	29.453	29.599	29.550	29.513	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 29.570
MAXIMUM DAILY, 29.851 ON APR 17
MINIMUM DAILY, 29.453 ON SEP 22
MAXIMUM INSTANTANEOUS,
29.854 AT 10:43 CST ON APR 17

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 43 N
LONG 93 43 36 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

LAKE 239 OUTLET NEAR KENORA - STATION NO. 05PD023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.010	0.006E	0.005	0.007	0.107	0.044	0.009	0.017	0.002	0.038	0.038	0.013	1
2	0.011	0.006E	0.005	0.008	0.098	0.044	0.011	0.016	0.002	0.047	0.032	0.013	2
3	0.011	0.006E	0.005	0.010	0.089	0.041	0.057	0.018	0.002	0.054	0.030	0.014	3
4	0.010	0.006E	0.004	0.011	0.087	0.037	0.083	0.017	0.002	0.057	0.026	0.015	4
5	0.010	0.005E	0.004	0.010	0.088	0.035	0.095	0.016	0.002	0.057	0.024	0.015	5
6	0.011	0.005E	0.004	0.010	0.082	0.033	0.109	0.015	0.001	0.056	0.023	0.015	6
7	0.011	0.005E	0.004	0.009	0.076	0.037	0.108	0.014	0.001	0.094	0.021	0.015	7
8	0.010	0.005E	0.004	0.009	0.072	0.036	0.095	0.013	0.001	0.113	0.020	0.015	8
9	0.010	0.003A	0.004	0.009	0.067	0.038	0.086	0.010	0.001	0.113	0.019	0.013	9
10	0.009	0.005	0.004	0.009	0.064	0.044	0.079	0.009	0.001	0.128	0.018	0.012	10
11	0.009	0.005	0.004	0.009	0.062	0.045	0.072	0.008	0.001	0.142	0.019	0.012	11
12	0.008	0.005	0.004	0.009	0.059	0.043	0.065	0.007	0.001	0.143	0.018	0.011	12
13	0.008	0.005	0.006	0.009	0.054	0.041	0.063	0.007	0.001	0.138	0.012	0.011	13
14	0.008	0.004	0.006	0.012	0.053	0.042	0.056	0.006	0.001	0.130	0.011	0.010	14
15	0.007	0.004	0.006	0.044	0.051	0.039	0.052	0.006	0	0.117	0.011	0.010	15
16	0.007A	0.005	0.006	0.169	0.051	0.036	0.049	0.005	0	0.107	0.010	0.009	16
17	0.007E	0.005	0.006	0.250	0.053	0.034	0.056	0.005	0	0.098	0.010	0.009	17
18	0.007E	0.006	0.007	0.240	0.067	0.032	0.058	0.004	0	0.092	0.010	0.009	18
19	0.006E	0.006	0.006	0.224	0.081	0.030	0.050	0.004	0	0.083	0.010	0.009	19
20	0.007E	0.005	0.006	0.213	0.081	0.027	0.045	0.003	0	0.076	0.013	0.009	20
21	0.006E	0.005	0.006	0.199	0.077	0.025	0.042	0.004	0	0.070	0.017	0.008	21
22	0.006E	0.005	0.005	0.194	0.069	0.023	0.037	0.004	0	0.064	0.018	0.008	22
23	0.008E	0.005	0.005	0.195	0.069	0.021	0.033	0.003	0.001	0.058	0.018	0.008	23
24	0.007E	0.005	0.006	0.192	0.065	0.020	0.039	0.003	0.003	0.054	0.017	0.008	24
25	0.007E	0.004	0.006	0.184	0.058	0.019	0.037	0.003	0.003	0.050	0.017	0.008	25
26	0.007E	0.004	0.005	0.168	0.054	0.016	0.033	0.002	0.003	0.047	0.016	0.008	26
27	0.007E	0.004	0.006	0.153	0.050	0.014	0.031	0.001	0.019	0.045	0.015	0.008	27
28	0.007E	0.005	0.005	0.137	0.045	0.013	0.028	0.001	0.034	0.043	0.015	0.007	28
29	0.006E		0.005	0.125	0.042	0.012	0.026	0.001	0.038	0.041	0.015	0.007	29
30	0.006E		0.005	0.114	0.038	0.009	0.024	0.001		0.039	0.014	0.006	30
31	0.006E		0.007		0.041		0.021	0.002		0.036		0.006	31
TOTAL	0.250	0.141	0.161	2.932	2.050	0.930	1.641	0.225	0.123	2.430	0.529	0.322	TOTAL
MEAN	0.008	0.005	0.005	0.098	0.066	0.031	0.053	0.007	0.004	0.078	0.018	0.010	MEAN
MAX	0.011	0.006	0.007	0.250	0.107	0.045	0.109	0.018	0.038	0.143	0.034	0.015	MAX
MIN	0.006	0.004	0.004	0.007	0.038	0.009	0.009	0.001	0	0.036	0.010	0.006	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.032
MAXIMUM DAILY, 0.250 ON APR 17
MINIMUM DAILY, 0 ON SEP 15
MAXIMUM INSTANTANEOUS,
0.255 AT 16:22 CST ON APR 17

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 24 N
LONG 93 43 32 W
DRAINAGE AREA, 3.90 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21.6	JUL	142
FEB	12.2	AUG	19.4
MAR	13.9	SEP	10.6
APR	253	OCT	210
MAY	177	NOV	45.7
JUN	80.4	DEC	27.8

TOTAL DISCHARGE, 1 010 dam³

LAKE 239, LOWER EAST INLET, NEAR KENORA - STATION NO. 05PD024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.003B	0.019	0.030	0	0.001	0.007	0.025	---	---	1
2	---	---	---	0.007B	0.017	0.024	0.009	0.003	0.005	0.044	---	---	2
3	---	---	---	0.012B	0.017	0.016	0.231	0.010	0.003	0.047	---	---	3
4	---	---	---	0.015B	0.020	0.010	0.078	0.005	0.001	0.034	---	---	4
5	---	---	---	0.015B	0.030	0.006	0.058	0.003	0.001	0.026	---	---	5
6	---	---	---	0.014B	0.023	0.007	0.059	0.001	0.001	0.025	---	---	6
7	---	---	---	0.014B	0.017	0.017	0.037	0.001	0.001	0.166	---	---	7
8	---	---	---	0.013B	0.015	0.013	0.019	0.002	0.001	0.067	---	---	8
9	---	---	---	0.013B	0.012	0.022	0.013	0.002	0.001	0.045	---	---	9
10	---	---	---	0.012B	0.014	0.047	0.010	0.001	0.001	0.082	---	---	10
11	---	---	---	0.012B	0.016	0.025	0.006	0	0.001	0.082	---	---	11
12	---	---	---	0.030B	0.014	0.014	0.005	0	0.001	0.053A	---	---	12
13	---	---	---	0.083B	0.013	0.011	0.005	0.001	0.003	0.039E	---	---	13
14	---	---	---	0.260B	0.013	0.011	0.004	0.001	0.002	0.024A	---	---	14
15	---	---	---	0.451B	0.016	0.009	0.004	0	0.001	0.021	---	---	15
16	---	---	---	0.531B	0.019	0.007	0.004	0	0.001	0.018	---	---	16
17	---	---	---	0.245B	0.029	0.006	0.031	0	0.001	0.016	---	---	17
18	---	---	---	0.162B	0.068	0.005	0.017	0	0.001	0.013	---	---	18
19	---	---	---	0.107	0.059	0.005	0.009	0	0.001	0.012	---	---	19
20	---	---	---	0.073	0.036	0.004	0.005	0	0.001	0.011	---	---	20
21	---	---	---	0.061	0.025	0.004	0.003	0.001	0.001	0.010	---	---	21
22	---	---	---	0.081	0.018	0.002	0.001	0.002	0.001	0.009	---	---	22
23	---	---	---	0.079	0.015	0.002	0.001	0.001	0.047	0.008	---	---	23
24	---	---	---	0.062	0.011	0.002	0.019	0	0.048	0.007	---	---	24
25	---	---	---	0.048	0.008	0.001	0.009	0.001	0.023	0.007	---	---	25
26	---	---	---	0.032	0.008	0.001	0.004	0.001	0.015	0.007	---	---	26
27	---	---	---	0.023	0.006	0	0.002	0	0.014	0.008	---	---	27
28	---	---	---	0.020	0.006	0	0.001	0	0.132	0.007	---	---	28
29	---		---	0.019	0.005	0	0.001	0.001	0.065	0.008	---	---	29
30	---		---	0.019	0.005	0	0.001	0.001	0.038	0.008	---	---	30
31	---		---		0.019		0.001	0.001		0.008		---	31
TOTAL	---	---	---	2.516	0.593	0.301	0.647	0.040	0.419	0.937	---	---	TOTAL
MEAN	---	---	---	0.084	0.019	0.010	0.021	0.001	0.014	0.030	---	---	MEAN
MAX	---	---	---	0.531	0.068	0.047	0.231	0.010	0.132	0.166	---	---	MAX
MIN	---	---	---	0.003	0.005	0	0	0	0.001	0.007	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.025
MAXIMUM DAILY, 0.531B ON APR 16
MINIMUM DAILY, 0 ON JUN 27

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 40 N
LONG 93 42 47 W
DRAINAGE AREA, 1.70 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	55.9
FEB	---	AUG	3.46
MAR	---	SEP	36.2
APR	217	OCT	81.0
MAY	51.2	NOV	---
JUN	26.0	DEC	---

TOTAL DISCHARGE, 471 dam³

LAKE 239, UPPER EAST INLET, NEAR KENORA - STATION NO. 05PD025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.002A	0.009	0.018	0	0	0.005	0.007	---	---	1
2	---	---	---	0.002E	0.009	0.012	0.007	0.002	0.003	0.021	---	---	2
3	---	---	---	0.002E	0.008	0.008	0.099	0.006	0.002	0.018	---	---	3
4	---	---	---	0.001E	0.011	0.005	0.031	0.003	0.001	0.013	---	---	4
5	---	---	---	0.001E	0.015	0.004	0.025	0.001	0.001	0.010	---	---	5
6	---	---	---	0.001A	0.011	0.004	0.024	0.001	0.001	0.011	---	---	6
7	---	---	---	0.001E	0.008	0.010	0.012	0.001	0.001	0.072	---	---	7
8	---	---	---	0.001E	0.007	0.007	0.007	0.001	0.001	0.027	---	---	8
9	---	---	---	0.001E	0.006	0.013	0.005	0.001	0.001	0.017	---	---	9
10	---	---	---	0.001E	0.007	0.024	0.004	0.001	0	0.036	---	---	10
11	---	---	---	0.001E	0.008	0.011	0.003	0	0.001	0.034	---	---	11
12	---	---	---	0.002A	0.007	0.007	0.002	0	0.001	0.022	---	---	12
13	---	---	---	0.005	0.006	0.005	0.002	0.001	0.002	0.015	---	---	13
14	---	---	---	0.032	0.006	0.006	0.002	0.001	0.001	0.012	---	---	14
15	---	---	---	0.086	0.008	0.005	0.002	0	0.001	0.010	---	---	15
16	---	---	---	0.109	0.010	0.004	0.003	0	0.001	0.008	---	---	16
17	---	---	---	0.046	0.016	0.004	0.016	0	0.001	0.008	---	---	17
18	---	---	---	0.027	0.043	0.003	0.008	0	0.001	0.009	---	---	18
19	---	---	---	0.027	0.029	0.003	0.005	0	0.001	0.007	---	---	19
20	---	---	---	0.023	0.016	0.002	0.003	0	0.001	0.006	---	---	20
21	---	---	---	0.026	0.010	0.002	0.002	0.001	0.001	0.005	---	---	21
22	---	---	---	0.035	0.007	0.002	0.001	0.001	0.001	0.005	---	---	22
23	---	---	---	0.041	0.006	0.002	0.001	0.001	0.024	0.005	---	---	23
24	---	---	---	0.034	0.005	0.001	0.011	0.001	0.018	0.005	---	---	24
25	---	---	---	0.026	0.005	0.001	0.005	0.001	0.008	0.004	---	---	25
26	---	---	---	0.016	0.004	0.001	0.003	0.001	0.006	0.004	---	---	26
27	---	---	---	0.012	0.003	0.001	0.001	0	0.006	0.004	---	---	27
28	---	---	---	0.011	0.003	0	0.001	0	0.057	0.004	---	---	28
29	---		---	0.010	0.003	0	0.001	0.001	0.025	0.005	---	---	29
30	---		---	0.010	0.003	0	0.001	0.001	0.012	0.005	---	---	30
31	---		---		0.011		0	0.001		0.005		---	31
TOTAL	---	---	---	0.592	0.300	0.165	0.287	0.028	0.185	0.414	---	---	TOTAL
MEAN	---	---	---	0.020	0.010	0.006	0.009	0.001	0.006	0.013	---	---	MEAN
MAX	---	---	---	0.109	0.043	0.024	0.099	0.006	0.057	0.072	---	---	MAX
MIN	---	---	---	0.001	0.003	0	0	0	0	0.004	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.009
MAXIMUM DAILY, 0.109 ON APR 16
MINIMUM DAILY, 0 ON JUN 28
MAXIMUM INSTANTANEOUS,
0.192 AT 03:02 CST ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 45 N
LONG 93 42 30 W
DRAINAGE AREA, 0.91 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	28.8
FEB	---	AUG	2.42
MAR	---	SEP	16.0
APR	51.1	OCT	35.8
MAY	25.9	NOV	---
JUN	14.3	DEC	---

TOTAL DISCHARGE, 170 dam³

LAKE 240 OUTLET NEAR KENORA - STATION NO. 05PD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.036	0.026	0.020	0.023	0.282	0.128	0.041	0.065	0.011	0.049	0.106	0.059	1
2	0.038	0.026	0.019	0.025	0.256	0.123	0.048	0.063	0.010	0.066	0.103	0.059	2
3	0.039	0.024	0.018	0.028	0.241	0.117	0.129	0.069	0.010	0.084	0.098	0.058	3
4	0.039	0.024	0.019	0.032	0.243	0.109	0.186	0.065	0.010	0.100	0.091	0.059	4
5	0.037	0.023	0.018	0.031	0.236	0.104	0.262	0.062	0.008	0.115	0.084	0.057	5
6	0.038	0.022	0.017	0.031	0.221	0.102	0.315	0.058	0.007	0.122	0.080	0.055	6
7	0.036	0.023	0.017	0.031	0.198	0.110	0.318	0.054	0.006	0.196	0.076	0.054	7
8	0.036	0.022	0.017	0.030	0.193	0.106	0.302	0.051	0.006	0.253	0.074	0.051	8
9	0.034	0.022	0.015	0.031	0.181	0.110	0.270	0.048	0.007	0.289	0.070	0.049	9
10	0.032	0.022	0.016	0.032	0.168	0.126	0.248	0.039	0.007	0.334	0.068	0.048	10
11	0.033	0.021	0.016	0.031	0.165	0.128	0.226	0.037	0.007	0.381	0.070	0.047	11
12	0.033	0.020	0.018	0.031	0.157	0.125	0.212	0.033	0.007	0.390	0.065	0.045	12
13	0.032	0.020	0.021	0.031	0.152	0.125	0.195	0.033	0.008	0.377	0.060	0.044	13
14	0.032	0.020	0.021	0.035	0.150	0.129	0.178	0.032	0.006	0.354	0.058	0.043	14
15	0.031	0.021	0.022	0.061	0.144	0.119	0.160	0.030	0.005	0.319	0.057	0.040	15
16	0.029	0.020	0.021	0.232	0.143	0.113	0.155	0.027	0.003	0.281	0.055	0.039	16
17	0.029	0.023	0.022	0.556	0.148	0.108	0.165	0.025	0.003	0.261	0.053	0.039	17
18	0.029	0.024	0.022	0.633	0.168	0.103	0.161	0.023	0.002	0.246	0.052	0.039	18
19	0.030	0.024	0.021	0.600	0.186	0.096	0.155	0.022	0.002	0.221	0.052	0.038	19
20	0.028	0.023	0.021	0.555	0.190	0.091	0.146	0.019	0.001	0.198	0.058	0.037	20
21	0.028	0.023	0.021	0.514	0.196	0.089	0.139	0.019	0	0.181	0.064	0.036	21
22	0.028	0.022	0.021	0.489	0.199	0.084	0.135	0.018	0	0.167	0.066	0.036	22
23	0.028	0.019	0.020	0.486	0.188	0.080	0.114	0.018	0.006	0.159	0.066	0.037	23
24	0.030	0.019	0.021	0.472	0.174	0.077	0.126	0.016	0.010	0.155	0.063	0.036	24
25	0.031	0.018	0.021	0.442	0.166	0.071	0.119	0.014	0.010	0.147	0.064	0.034	25
26	0.030	0.018	0.019	0.408	0.158	0.064	0.112	0.012	0.010	0.139	0.064	0.033	26
27	0.029	0.018	0.019	0.380	0.150	0.061	0.102	0.010	0.011	0.133	0.061	0.032	27
28	0.029	0.019	0.020	0.348	0.139	0.056	0.094	0.009	0.023	0.130	0.062	0.031	28
29	0.030		0.020	0.318	0.127	0.051	0.087	0.009	0.035	0.122	0.061	0.029	29
30	0.028		0.021	0.295	0.117	0.045	0.082	0.008	0.041	0.117	0.060	0.027	30
31	0.026		0.023		0.122		0.075	0.008		0.110		0.028	31
TOTAL	0.987	0.606	0.607	7.211	5.558	2.950	5.047	0.992	0.272	6.196	2.061	1.319	TOTAL
MEAN	0.032	0.022	0.020	0.240	0.179	0.098	0.163	0.032	0.009	0.200	0.069	0.043	MEAN
MAX	0.039	0.026	0.023	0.633	0.282	0.129	0.318	0.069	0.041	0.390	0.106	0.059	MAX
MIN	0.026	0.018	0.015	0.023	0.117	0.045	0.041	0.008	0	0.049	0.052	0.027	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.093
MAXIMUM DAILY, 0.633 ON APR 18
MINIMUM DAILY, 0 ON SEP 21
MAXIMUM INSTANTANEOUS,
0.642 AT 17:11 CST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 59 N
LONG 93 43 36 W
DRAINAGE AREA, 7.25 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	85.3	JUL	436
FEB	52.4	AUG	85.7
MAR	52.4	SEP	23.5
APR	623	OCT	535
MAY	480	NOV	178
JUN	255	DEC	114

TOTAL DISCHARGE, 2 930 dam³

LAKE 302 NEAR KENORA - STATION NO. 05QD022

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	27.439E	27.593	27.574	27.487	27.512	27.489	27.477	---	---	1
2	---	---	---	27.437E	27.591	27.570	27.501	27.511	27.487	27.491	---	---	2
3	---	---	---	27.439E	27.584	27.565	27.616	27.510	27.488	27.499	---	---	3
4	---	---	---	27.441E	27.584	27.559	27.639	27.508	27.487	27.505	---	---	4
5	---	---	---	27.442E	27.584	27.552	27.644	27.503	27.482	27.504	---	---	5
6	---	---	---	27.443A	27.582	27.552	27.643	27.499	27.483	27.506	---	---	6
7	---	---	---	27.443	27.578	27.560	27.633	27.495	27.488	27.507	---	---	7
8	---	---	---	27.437	27.571	27.556	27.620	27.492	27.488	27.558	---	---	8
9	---	---	---	27.435	27.569	27.564	27.611	27.486	27.489	27.561	---	---	9
10	---	---	---	27.433	27.565	27.577	27.601	27.478	27.488	27.576	---	---	10
11	---	---	---	27.431	27.566	27.577	27.595	27.474	27.488	27.592	---	---	11
12	---	---	---	27.434	27.563	27.576	27.588	27.468	27.490	27.591	---	---	12
13	---	---	---	27.435	27.558	27.570	27.583	27.470	27.493	27.591	---	---	13
14	---	---	---	27.438	27.556	27.569	27.576	27.468	27.489	27.586	---	---	14
15	---	---	---	27.466	27.559	27.565	27.571	27.467	27.485	27.582	---	---	15
16	---	---	---	27.533	27.563	27.562	27.567	27.463	27.431	27.574	---	---	16
17	---	---	---	27.569	27.569	27.557	27.579	27.462	27.429	27.573	---	---	17
18	---	---	---	27.577	27.589	27.551	27.570	27.459	27.428	27.571	---	---	18
19	---	---	---	27.581	27.608	27.543	27.563	27.459	27.427	27.566	---	---	19
20	---	---	---	27.581	27.613	27.542	27.558	27.457	27.426	27.562	---	---	20
21	---	---	---	27.580	27.603	27.539	27.552	27.458	27.419	27.558	---	---	21
22	---	---	---	27.585	27.600	27.532	27.544	27.459	27.420	27.551	---	---	22
23	---	---	---	27.596	27.593	27.530	27.540	27.457	27.430	27.551	---	---	23
24	---	---	---	27.609	27.588	27.526	27.554	27.454	27.434	27.548	---	---	24
25	---	---	---	27.618	27.583	27.522	27.549	27.453	27.429	27.546	---	---	25
26	---	---	---	27.619	27.580	27.517	27.544	27.449	27.426	27.546	---	---	26
27	---	---	---	27.615	27.575	27.512	27.539	27.448	27.431	27.545	---	---	27
28	---	---	---	27.608	27.566	27.506	27.532	27.449	27.463	27.547	---	---	28
29	---	---	---	27.604	27.559	27.500	27.529	27.440	27.475	27.545	---	---	29
30	---		---	27.598	27.561	27.491	27.523	27.440	27.475	27.546	---	---	30
31	---		---		27.568		27.520	27.438		27.545			31
MEAN	---	---	---	27.515	27.578	27.547	27.570	27.470	27.439	27.550	---	---	MEAN
MAX	---	---	---	27.619	27.613	27.577	27.644	27.512	27.475	27.593	---	---	MAX
MIN	---	---	---	27.431	27.556	27.491	27.487	27.438	27.419	27.477	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 27.644 ON JUL 5

MAXIMUM INSTANTANEOUS,
27.648 AT 05:04 CST ON JUL 6

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 23 N
LONG 93 45 32 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

LAKE 302 OUTLET NEAR KENORA - STATION NO. 05QD023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.006E	0.024	0.014	0.004	0.006	0	0.001	---	---	1
2	---	---	---	0.006E	0.022	0.013	0.005	0.006	0	0.003	---	---	2
3	---	---	---	0.006E	0.021	0.013	0.026	0.006	0	0.004	---	---	3
4	---	---	---	0.007E	0.021	0.013	0.035	0.006	0	0.006	---	---	4
5	---	---	---	0.007E	0.021	0.011	0.039	0.005	0	0.005	---	---	5
6	---	---	---	0.007A	0.020	0.011	0.038	0.005	0	0.005	---	---	6
7	---	---	---	0.007	0.019	0.013	0.033	0.004	0	0.014	---	---	7
8	---	---	---	0.006	0.018	0.011	0.028	0.004	0	0.017	---	---	8
9	---	---	---	0.006	0.016	0.013	0.025	0.003	0	0.016A	---	---	9
10	---	---	---	0.006	0.016	0.015	0.021	0.003	0	0.020E	---	---	10
11	---	---	---	0.006	0.016	0.018	0.019	0.002	0	0.024E	---	---	11
12	---	---	---	0.006	0.016	0.014	0.018	0.002	0	0.026E	---	---	12
13	---	---	---	0.006	0.015	0.013	0.016	0.002	0	0.024E	---	---	13
14	---	---	---	0.005	0.015	0.013	0.015	0.001	0	0.021E	---	---	14
15	---	---	---	0.004	0.015	0.013	0.014	0.001	0	0.018E	---	---	15
16	---	---	---	0.018	0.016	0.013	0.013	0.001	0	0.016E	---	---	16
17	---	---	---	0.023	0.016	0.013	0.016	0.001	0	0.016E	---	---	17
18	---	---	---	0.025	0.021	0.012	0.014	0.001	0	0.013E	---	---	18
19	---	---	---	0.024	0.024	0.011	0.013	0.001	0	0.012E	---	---	19
20	---	---	---	0.025	0.023	0.010	0.013	0.001	0	0.010E	---	---	20
21	---	---	---	0.025	0.023	0.010	0.012	0.001	0	0.008E	---	---	21
22	---	---	---	0.025	0.021	0.010	0.011	0.001	0	0.008E	---	---	22
23	---	---	---	0.027	0.020	0.009	0.010	0.001	0	0.007E	---	---	23
24	---	---	---	0.031	0.018	0.008	0.012	0.001	0	0.006E	---	---	24
25	---	---	---	0.033	0.017	0.007	0.011	0.001	0	0.006E	---	---	25
26	---	---	---	0.033	0.016	0.007	0.010	0.001	0	0.006E	---	---	26
27	---	---	---	0.030	0.015	0.006	0.010	0	0	0.006E	---	---	27
28	---	---	---	0.028	0.014	0.005	0.009	0	0.001	0.006E	---	---	28
29	---		---	0.027	0.013	0.005	0.008	0	0.001	0.006E	---	---	29
30	---		---	0.025	0.012	0.004	0.008	0	0.001	0.006E	---	---	30
31	---		---		0.013		0.007	0		0.006E			31
TOTAL	---	---	---	0.486	0.557	0.324	0.513	0.067	0.003	0.342	---	---	TOTAL
MEAN	---	---	---	0.016	0.018	0.011	0.017	0.002	0	0.011	---	---	MEAN
MAX	---	---	---	0.033	0.024	0.015	0.039	0.006	0.001	0.026	---	---	MAX
MIN	---	---	---	0.004	0.012	0.004	0.004	0	0	0.001	---	---	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.039 ON JUL 5

MAXIMUM INSTANTANEOUS,
0.040 AT 20:29 CST ON JUL 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 11 N
LONG 93 45 26 W
DRAINAGE AREA, 1.00 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	44.3
FEB	---	AUG	5.79
MAR	---	SEP	0.26
APR	42.0	OCT	29.5
MAY	48.1	NOV	---
JUN	28.0	DEC	---

LAKE 303 NEAR KENORA - STATION NO. 05PD020

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	55.705E	55.741	55.731	55.676	55.713	55.687	55.795	---	---	1
2	---	---	---	55.707A	55.737A	55.731	55.688	55.714	55.688	55.811	---	---	2
3	---	---	---	55.708	55.735E	55.727	55.836	55.718	55.687	55.817	---	---	3
4	---	---	---	55.703	55.736E	55.722	55.819	55.718	55.687	55.813	---	---	4
5	---	---	---	55.705	55.737A	55.718	55.803	55.718	55.684	55.808	---	---	5
6	---	---	---	55.706	55.733	55.714	55.797	55.717	55.682	55.804	---	---	6
7	---	---	---	55.714	55.727	55.725	55.776	55.714	55.680	55.830	---	---	7
8	---	---	---	55.717	55.726	55.724	55.760	55.713	55.680	55.837	---	---	8
9	---	---	---	55.719	55.724	55.734	55.747	55.709	55.680	55.824	---	---	9
10	---	---	---	55.719	55.724	55.756	55.740	55.706	55.681	55.835	---	---	10
11	---	---	---	55.723	55.725	55.757	55.733	55.701	55.681	55.841	---	---	11
12	---	---	---	55.721	55.722	55.751	55.729	55.700	55.681	55.828	---	---	12
13	---	---	---	55.725	55.728	55.747	55.738	55.703	55.684	55.818	---	---	13
14	---	---	---	55.761	55.720	55.744	55.723	55.700	55.681	55.809	---	---	14
15	---	---	---	55.835	55.723	55.738	55.719	55.702	55.674	55.803	---	---	15
16	---	---	---	55.866	55.727	55.734	55.717	55.696	55.674	55.797	---	---	16
17	---	---	---	55.833	55.733	55.727	55.737	55.691	55.673	55.795	---	---	17
18	---	---	---	55.808	55.757	55.723	55.737	55.691	55.672	55.793	---	---	18
19	---	---	---	55.801	55.776	55.719	55.731	55.689	55.670	55.791	---	---	19
20	---	---	---	55.792	55.770	55.715	55.725	55.686	55.668	55.787	---	---	20
21	---	---	---	55.784	55.759	55.716	55.722	55.686	55.668	55.785	---	---	21
22	---	---	---	55.781	55.752	55.715	55.717	55.689	55.666	55.782	---	---	22
23	---	---	---	55.783	55.744	55.710	55.711	55.687	55.680	55.780	---	---	23
24	---	---	---	55.779	55.737	55.709	55.731	55.684	55.689	55.780	---	---	24
25	---	---	---	55.771	55.733	55.705	55.728	55.683	55.685	55.778	---	---	25
26	---	---	---	55.763	55.727	55.698	55.726	55.679	55.686	55.777	---	---	26
27	---	---	---	55.753	55.724	55.696	55.725	55.674	55.689	55.774	---	---	27
28	---	---	---	55.749	55.722	55.690	55.723	55.672	55.751	55.776	---	---	28
29	---		---	55.747	55.716	55.686	55.724	55.673	55.789	55.774	---	---	29
30	---		---	55.742	55.715	55.679	55.722	55.672	55.795	55.772	---	---	30
31	---		---		55.724		55.718	55.673		55.771			31
MEAN	---	---	---	55.754	55.734	55.721	55.738	55.696	55.690	55.800	---	---	MEAN
MAX	---	---	---	55.866	55.776	55.757	55.836	55.718	55.795	55.850	---	---	MAX
MIN	---	---	---	55.703	55.715	55.679	55.676	55.672	55.666	55.771	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 55.866 ON APR 16

MAXIMUM INSTANTANEOUS,
55.879 AT 02:32 CST ON APR 16

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 47 N
LONG 93 44 23 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

LAKE 303 OUTLET NEAR KENORA - STATION NO. 05PD019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.002	0.008	0.005	0	0	0	0.008	---	---	1
2	---	---	---	0.002A	0.007	0.005	0.002	0	0	0.017	---	---	2
3	---	---	---	0.002E	0.006	0.005	0.075	0	0	0.021	---	---	3
4	---	---	---	0.002E	0.007	0.003	0.053	0	0	0.019	---	---	4
5	---	---	---	0.002E	0.008	0.003	0.041	0	0	0.015	---	---	5
6	---	---	---	0.002E	0.007	0.003	0.036	0	0	0.013	---	---	6
7	---	---	---	0.002A	0.006	0.005	0.025	0	0	0.056	---	---	7
8	---	---	---	0.002	0.005	0.004	0.017	0	0	0.038	---	---	8
9	---	---	---	0.002	0.005	0.006	0.012	0	0	0.024	---	---	9
10	---	---	---	0.003	0.005	0.014	0.009	0	0	0.034	---	---	10
11	---	---	---	0.002	0.005	0.013	0.007	0	0	0.040	---	---	11
12	---	---	---	0.002	0.005	0.010	0.007	0	0	0.027	---	---	12
13	---	---	---	0.003	0.004	0.008	0.007	0	0	0.020	---	---	13
14	---	---	---	0.014	0.004	0.008	0.005	0	0	0.016	---	---	14
15	---	---	---	0.077	0.005	0.006	0.005	0	0	0.012	---	---	15
16	---	---	---	0.166	0.006	0.005	0.004	0	0	0.009	---	---	16
17	---	---	---	0.098	0.007	0.004	0.008	0	0	0.008	---	---	17
18	---	---	---	0.049	0.016	0.004	0.008	0	0	0.007	---	---	18
19	---	---	---	0.039	0.022	0.003	0.007	0	0	0.006	---	---	19
20	---	---	---	0.033	0.019	0.003	0.006	0	0	0.005	---	---	20
21	---	---	---	0.029	0.015	0.003	0.005	0	0	0.005	---	---	21
22	---	---	---	0.028	0.011	0.002	0.003	0	0	0.004	---	---	22
23	---	---	---	0.029	0.009	0.002	0.002	0	0	0.004	---	---	23
24	---	---	---	0.027	0.007	0.002	0.002	0	0	0.004	---	---	24
25	---	---	---	0.023	0.006	0.001	0.001	0	0	0.004	---	---	25
26	---	---	---	0.019	0.005	0.001	0.001	0	0	0.004	---	---	26
27	---	---	---	0.015	0.004	0.001	0	0	0	0.004	---	---	27
28	---	---	---	0.013	0.004	0	0	0	0.002	0.004	---	---	28
29	---		---	0.010	0.003	0	0	0	0.008	0.003	---	---	29
30	---		---	0.009	0.003	0	0	0	0.009	0.004	---	---	30
31	---		---		0.004		0	0		0.003			31
TOTAL	---	---	---	0.706	0.228	0.129	0.348	0	0.019	0.438	---	---	TOTAL
MEAN	---	---	---	0.024	0.007	0.004	0.011	0	0.001	0.014	---	---	MEAN
MAX	---	---	---	0.166	0.022	0.014	0.075	0	0.009	0.056	---	---	MAX
MIN	---	---	---	0.002	0.003	0	0	0	0	0.003	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.009
MAXIMUM DAILY, 0.166 ON APR 16
MINIMUM DAILY, 0 ON JUN 28
MAXIMUM INSTANTANEOUS,
0.201 AT 03:29 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 43 N
LONG 93 44 28 W

DRAINAGE AREA, 0.54 km²

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	30.1
FEB	---	AUG	0
MAR	---	SEP	1.64
APR	61.0	OCT	37.8
MAY	19.7	NOV	---
JUN	11.1	DEC	---

TOTAL DISCHARGE, 161 dam³

LAKE 304 NEAR KENORA - STATION NO. 05PD010

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	53.645E	53.762	53.683	53.500	53.519	53.487	53.556	---	---	1
2	---	---	---	53.649A	53.755	53.673	53.515	53.518	53.490	53.569	---	---	2
3	---	---	---	53.645E	53.746	53.623	53.604	53.525	53.490	53.571	---	---	3
4	---	---	---	53.640E	53.744	53.598	53.627	53.525	53.491	53.565	---	---	4
5	---	---	---	53.635E	53.744	53.577	53.609	53.524	53.487	53.559	---	---	5
6	---	---	---	53.636E	53.741	53.568	53.595	53.522	53.484	53.556	---	---	6
7	---	---	---	53.637A	53.732	53.573	53.575	53.520	53.482	53.604	---	---	7
8	---	---	---	53.638	53.723	53.561	53.563	53.518	53.483	53.595	---	---	8
9	---	---	---	53.639	53.718	53.562	53.553	53.513	53.484	53.578	---	---	9
10	---	---	---	53.639	53.715	53.576	53.546	53.508	53.483	53.588	---	---	10
11	---	---	---	53.641	53.714	53.571	53.540	53.506	53.484	53.593	---	---	11
12	---	---	---	53.640	53.710	53.564	53.539	53.504	53.483	53.582	---	---	12
13	---	---	---	53.645	53.703	53.556	53.541	53.506	53.487	53.572	---	---	13
14	---	---	---	53.684	53.699	53.551	53.538	53.504	53.484	53.562	---	---	14
15	---	---	---	53.789	53.701	53.548	53.537	53.503	53.482	53.555	---	---	15
16	---	---	---	53.932	53.700	53.545	53.538	53.501	53.480	53.548	---	---	16
17	---	---	---	53.933	53.707	53.544	53.557	53.497	53.478	53.548	---	---	17
18	---	---	---	53.905	53.735	53.539	53.556	53.496	53.477	53.545	---	---	18
19	---	---	---	53.890	53.755	53.533	53.549	53.496	53.475	53.540	---	---	19
20	---	---	---	53.884	53.756	53.532	53.540	53.492	53.475	53.541	---	---	20
21	---	---	---	53.876	53.749	53.534	53.535	53.492	53.472	53.538	---	---	21
22	---	---	---	53.862	53.741	53.530	53.529	53.493	53.472	53.537	---	---	22
23	---	---	---	53.856	53.729	53.527	53.529	53.492	53.485	53.535	---	---	23
24	---	---	---	53.849	53.723	53.525	53.547	53.488	53.493	53.535	---	---	24
25	---	---	---	53.835	53.711	53.521	53.543	53.486	53.493	53.533	---	---	25
26	---	---	---	53.822	53.703	53.521	53.537	53.484	53.492	53.535	---	---	26
27	---	---	---	53.809	53.695	53.515	53.531	53.480	53.495	53.533	---	---	27
28	---	---	---	53.796	53.683	53.511	53.528	53.476	53.547	53.535	---	---	28
29	---	---	---	53.782	53.678	53.506	53.525	53.476	53.567	53.534	---	---	29
30	---		---	53.772	53.671	53.503	53.524	53.473	53.562	53.533	---	---	30
31	---		---		53.676		53.523	53.475		53.533		---	31
MEAN	---	---	---	53.754	53.720	53.556	53.549	53.500	53.491	53.555	---	---	MEAN
MAX	---	---	---	53.933	53.762	53.683	53.644	53.525	53.567	53.604	---	---	MAX
MIN	---	---	---	53.635	53.671	53.503	53.500	53.473	53.472	53.533	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 53.933 ON APR 17

MAXIMUM INSTANTANEOUS,
53.955 AT 10:22 CST ON APR 16

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 33 N
LONG 93 44 39 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

LAKE 470 OUTLET NEAR KENORA - STATION NO. 05PD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.005	0.004	0.002	0.004	0.036	0.019	0.002	0.007	0.001	0.035	0.011	0.011	1
2	0.005	0.004	0.002	0.005	0.033	0.021	0.004	0.007	0.002	0.048	0.011	0.011	2
3	0.005	0.003	0.002	0.006	0.028	0.021	0.082	0.008	0.001	0.067	0.010	0.011	3
4	0.005	0.003	0.002	0.006	0.028	0.024	0.193	0.007	0.001	0.071	0.010	0.012	4
5	0.005	0.003	0.002	0.006	0.031	0.023	0.189	0.005	0.001	0.065	0.009	0.011	5
6	0.005	0.003	0.001	0.006	0.030	0.022	0.160	0.004	0.001	0.055	0.009	0.011	6
7	0.005	0.003	0.001	0.006	0.028	0.024	0.123	0.003	0	0.124	0.008	0.010	7
8	0.005	0.003	0.001	0.006	0.025	0.024	0.091	0.003	0	0.159	0.008	0.009	8
9	0.005	0.003	0.001	0.006	0.022	0.027	0.065	0.002	0	0.125	0.007	0.008	9
10	0.005	0.002	0.001	0.006	0.021	0.041	0.049	0.001	0	0.119	0.007	0.007	10
11	0.003	0.002	0.001	0.006	0.020	0.045	0.040	0.001	0	0.108	0.007	0.006	11
12	0.003	0.002	0.002	0.006	0.018	0.043	0.033	0.001	0	0.129	0.006	0.006	12
13	0.003	0.002	0.003	0.008	0.017	0.038	0.029	0.001	0.001	0.100	0.007	0.005	13
14	0.003	0.002	0.003	0.017	0.017	0.035	0.026	0.001	0	0.076	0.006	0.004	14
15	0.003	0.002	0.002	0.074	0.017	0.030	0.025	0.001	0	0.058	0.006	0.004	15
16	0.003	0.001	0.002	0.441	0.019	0.027	0.023	0	0	0.047	0.006	0.003	16
17	0.003	0.003	0.002	0.458	0.024	0.025	0.029	0	0	0.040	0.005	0.003	17
18	0.003	0.003	0.003	0.272	0.042	0.021	0.033	0	0	0.035	0.005	0.003	18
19	0.003	0.002	0.002	0.190	0.071	0.018	0.033	0	0	0.031	0.005	0.003	19
20	0.003	0.002	0.002	0.152	0.072	0.016	0.031	0	0	0.027	0.008	0.003	20
21	0.003	0.002	0.002	0.126	0.061	0.015	0.029	0	0	0.024	0.011	0.003	21
22	0.004	0.002	0.002	0.125	0.050	0.014	0.024	0	0	0.022	0.014	0.003	22
23	0.006	0.002	0.002	0.129	0.040	0.013	0.021	0	0.002	0.020	0.016	0.003	23
24	0.006	0.002	0.002	0.121	0.035	0.011	0.024	0	0.003	0.017	0.017	0.003	24
25	0.006	0.002	0.002	0.104	0.029	0.010	0.022	0	0.003	0.016	0.016	0.003	25
26	0.006	0.002	0.002	0.084	0.025	0.009	0.020	0	0.003	0.015	0.016	0.002	26
27	0.006	0.002	0.002	0.067	0.022	0.008	0.018	0	0.003	0.014	0.015	0.002	27
28	0.005	0.002	0.002	0.054	0.020	0.007	0.015	0	0.012	0.014	0.013	0.002	28
29	0.005		0.002	0.047	0.017	0.005	0.014	0	0.022	0.013	0.012	0.002	29
30	0.005		0.003	0.041	0.015	0.004	0.013	0	0.032	0.014	0.011	0.002	30
31	0.004		0.004		0.016		0.010	0		0.012		0.002	31
TOTAL	0.136	0.068	0.062	2.579	0.929	0.640	1.470	0.052	0.088	1.736	0.292	0.168	TOTAL
MEAN	0.004	0.002	0.002	0.086	0.030	0.021	0.047	0.002	0.003	0.056	0.010	0.005	MEAN
MAX	0.006	0.004	0.004	0.458	0.072	0.045	0.193	0.008	0.032	0.159	0.017	0.012	MAX
MIN	0.003	0.001	0.001	0.004	0.015	0.004	0.002	0	0	0.012	0.005	0.002	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.023
MAXIMUM DAILY, 0.458 ON APR 17
MINIMUM DAILY, 0 ON AUG 16
MAXIMUM INSTANTANEOUS,
0.665 AT 19:43 CST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 26 N
LONG 93 43 57 W
DRAINAGE AREA, 1.67 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11.8	JUL	127
FEB	5.88	AUG	4.49
MAR	5.36	SEP	7.60
APR	223	OCT	150
MAY	80.3	NOV	25.2
JUN	55.3	DEC	14.5

TOTAL DISCHARGE, 710 dam³

LAKE ERIE AT BAR POINT - STATION NO. 02GB009

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.14	174.14	174.15	174.38	174.49	174.46	174.44	174.36	174.23	174.15	174.02	174.13	1
2	174.14	174.15	174.13	174.40	174.49	174.45	174.44	174.35	174.11	174.25	174.07	174.14	2
3	174.19	174.15	174.16	174.43	174.48	174.47	174.44	174.35	174.01	174.11	174.03	174.12	3
4	174.18	174.15	174.20	174.28	174.48	174.49	174.45	174.35	174.15	174.19	173.97	174.11	4
5	174.02	174.16	174.15	174.28	174.49	174.48	174.46	174.35	174.16	174.16	173.72	174.21	5
6	174.06	174.14	174.16	174.35	174.49	174.47	174.46	174.36	174.11	174.18	173.86	173.98	6
7	174.08	174.09	174.16	174.36	174.48	174.49	174.46	174.37	174.31	174.11	173.98	174.01	7
8	174.06	174.07	174.16	174.38	174.47	174.50	174.44	174.36	174.20	174.14	173.99	174.14	8
9	174.03	174.09	174.16	174.41	174.46	174.51	174.44	174.35	174.17	174.29	174.11	174.07	9
10	173.99	174.09	174.15	174.41	174.46	174.50	174.45	174.32	174.18	174.27	174.20	174.00	10
11	173.87	174.10	174.17	174.41	174.47	174.48	174.45	174.32	174.18	174.08	174.04	174.05	11
12	173.87	174.11	174.19	174.42	174.47	174.49	174.41	174.32	174.19	174.03	173.89	174.06	12
13	173.95	174.11	174.19	174.44	174.46	174.47	174.41	174.32	174.18	174.07	173.87	174.07	13
14	174.00	174.12	174.17	174.45	174.47	174.46	174.42	174.31	174.15	173.84	174.02	174.03	14
15	174.03	174.12	174.21	174.46	174.48	174.46	174.43	174.31	174.16	173.83	173.91	174.07	15
16	174.04	174.12	174.27	174.48	174.47	174.45	174.43	174.31	174.05	173.89	174.00	174.08	16
17	174.01	174.17	174.27	174.49	174.47	174.45	174.42	174.30	174.17	174.04	174.03	174.12	17
18	174.03	174.20	174.29	174.47	174.47	174.45	174.41	174.29	174.00	174.07	174.08	174.18	18
19	174.06	174.17	174.31	174.48	174.46	174.45	174.40	174.21	174.15	174.02	174.10	174.19	19
20	174.08	174.15	174.35	174.49	174.44	174.43	174.40	174.19	174.05	173.76	174.11	174.11	20
21	174.12	174.13	174.35	174.46	174.45	174.41	174.41	174.29	174.10	173.95	174.07	174.07	21
22	174.14	174.12	174.32	174.45	174.49	174.41	174.41	174.24	174.11	174.02	174.15	174.18	22
23	174.15	174.12	174.33	174.46	174.49	174.42	174.41	174.16	174.09	174.03	174.06	174.15	23
24	174.06	174.17	174.36	174.46	174.47	174.42	174.41	174.27	174.12	174.05	173.91	174.17	24
25	174.04	174.18	174.37	174.47	174.45	174.43	174.40	174.11	174.16	174.03	173.84	174.19	25
26	174.05	174.16	174.33	174.48	174.45	174.43	174.38	174.24	174.17	174.02	173.93	174.17	26
27	174.07	174.15	174.31	174.48	174.46	174.45	174.39	174.18	174.13	174.04	174.11	174.21	27
28	174.07	174.16	174.33	174.48	174.46	174.45	174.39	174.22	174.16	174.04	174.17	174.01	28
29	174.05		174.36	174.49	174.47	174.45	174.39	174.24	174.23	173.99	173.88	173.85	29
30	174.07		174.39	174.50	174.47	174.44	174.39	174.21	174.16	173.98	174.09	174.06	30
31	174.12		174.40		174.46		174.37	174.22		174.01		174.21	31
MEAN	174.06	174.14	174.25	174.43	174.47	174.46	174.42	174.28	174.14	174.05	174.01	174.10	MEAN
MAX	174.19	174.20	174.40	174.50	174.49	174.51	174.46	174.37	174.31	174.29	174.20	174.21	MAX
MIN	173.87	174.07	174.13	174.28	174.44	174.41	174.37	174.11	174.00	173.76	173.72	173.85	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 174.23
MAXIMUM DAILY, 174.51 ON JUN 9
MINIMUM DAILY, 173.72 ON NOV 5
MAXIMUM INSTANTANEOUS,
174.58 AT 4:00 EST ON SEP 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 03 00 N
LONG 83 06 40 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUN

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 12005 BAR POINT, ONT

LAKE ERIE AT ERIEAU - STATION NO. 02GF002

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.09	174.02	174.10	174.39	174.47	174.45	174.43	174.34	174.21	174.14	174.04	174.12	1
2	174.20	174.12	174.11	174.45	174.46	174.44	174.43	174.34	174.21	174.17	174.08	174.13	2
3	174.16	174.10	174.13	174.37	174.45	174.46	174.43	174.35	174.16	174.15	174.07	174.13	3
4	---	174.12	174.15	174.25	174.46	174.46	174.45	174.34	174.16	174.15	174.07	174.13	4
5	---	174.13	174.10	174.45	174.46	174.44	174.45	174.34	174.18	174.15	173.96	174.16	5
6	---	174.09 /	174.14	174.43	174.46	174.48	174.45	174.35	174.17	174.15	174.01	174.09	6
7	---	174.11	174.13	174.43	174.45	174.48	174.43	174.34	174.20	174.14	174.05	174.09	7
8	---	174.11	174.15	174.45	174.45	174.48	174.43	174.36	174.18	174.14	174.03	174.13	8
9	---	174.11	174.11	174.45	174.45	174.48	174.43	174.32	174.16	174.19	174.05	174.13	9
10	---	174.11	174.15	174.45	174.45	174.46	174.44	174.30	174.16	174.19	174.12	174.09	10
11	173.93	174.11	174.15	174.43	174.45	174.46	174.43	174.30	174.16	174.12	174.08	174.10	11
12	174.13	174.10	174.17	174.48	174.45	174.46	174.40	174.30	174.16	174.11	173.99	174.11	12
13	174.14	174.09	174.14	174.47	174.44	174.45	174.41	174.30	174.17	174.10	174.02	174.11	13
14	174.13	174.09	174.20	174.47	174.44	174.45	174.41	174.29	174.16	174.02	174.05	174.09	14
15	174.11	174.09	174.26	174.49	174.43	174.44	174.41	174.28	174.16	174.03	174.02	174.11	15
16	174.02	174.09	174.29	174.49	174.42	174.44	174.40	174.28	174.13	174.01	174.03	174.10	16
17	174.05	174.18	174.28	174.46	174.43	174.44	174.40	174.26	174.15	174.05	174.04	174.17	17
18	174.11	174.09	174.31	174.48	174.43	174.44	174.38	174.26	174.11	174.07	174.06	174.20	18
19	174.11	174.07	174.32	174.51	174.42	174.43	174.39	174.25	174.15	174.06	174.07	174.16	19
20	174.09	174.08	174.36	174.49	174.40	174.45	174.38	174.23	174.10	173.97	174.09	174.10	20
21	174.15	174.08	174.31	174.46	174.43	174.43	174.39	174.25	174.12	173.99	174.08	174.13	21
22	174.16	174.09	174.34	174.47	174.44	174.44	174.38	174.26	174.13	174.02	174.10	174.19	22
23	174.00	174.09	174.36	174.47	174.43	174.43	174.39	174.32	174.12	174.02	174.06	174.19	23
24	173.96	174.13	174.37	174.49	174.41	174.44	174.38	174.24	174.14	174.03	174.03	174.19	24
25	174.07	174.11	174.36	174.49	174.41	174.43	174.35	174.20	174.15	174.01	174.02	174.19	25
26	174.07	174.11	174.35	174.48	174.41	174.43	174.35	174.23	174.15	174.01	174.04	174.19	26
27	174.09	174.11	174.34	174.48	174.42	174.42	174.37	174.21	174.16	174.02	174.07	174.24	27
28	174.03	174.13	174.38	174.48	174.45	174.43	174.34	174.20	174.16	174.02	174.12	174.18	28
29	174.07		174.39	174.47	174.45	174.43	174.37	174.21	174.17	174.00	174.04	174.17	29
30	174.08		174.40	174.47	174.46	174.42	174.38	174.21	174.16	173.99	174.10	174.20	30
31	174.17		174.39		174.46		174.33	174.21		174.02		174.23	31
MEAN	---	174.10	174.25	174.45	174.44	174.45	174.40	174.28	174.16	174.07	174.05	174.15	MEAN
MAX	---	174.18	174.40	174.51	174.47	174.48	174.45	174.36	174.21	174.19	174.12	174.24	MAX
MIN	---	174.02	174.10	174.25	174.40	174.42	174.33	174.20	174.10	173.97	173.96	174.09	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 174.51 ON APR 19

MAXIMUM INSTANTANEOUS,
174.71 AT 3:30 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 15 37 N
LONG 81 54 52 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUN

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 12250 ERIEAU, ONT

LAKE ERIE AT KINGSVILLE - STATION NO. 02GH010

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	173.99	173.93	174.02	174.35	174.45	174.42	174.42	174.33	174.20	174.15	174.08	174.12	1
2	174.26	174.13	174.14	174.52	174.45	174.42	174.42	174.33	174.17	174.21	174.05	174.13	2
3	174.15	174.13	174.15	174.13	174.45	174.53	174.44	174.38	174.10	174.12	174.08	174.11	3
4	173.81	174.10	174.15	173.98	174.47	174.47	174.46	174.32	174.17	174.17	174.00	174.11	4
5	174.05	174.12	174.06	174.56	174.47	174.41	174.46	174.35	174.18	174.15	173.76	174.17	5
6	174.11	174.00	174.14	174.81	174.45	174.47	174.46	174.39	174.16	174.16	173.93	174.01	6
7	174.08	173.98	174.12	174.40	174.44	174.50	174.42	174.35	174.27	174.11	174.00	174.05	7
8	173.86	174.07	174.15	174.45	174.44	174.47	174.43	174.33	174.19	174.13	173.98	174.13	8
9	174.06	174.09	174.03	174.46	174.44	174.50	174.44	174.29	174.16	174.28	174.09	174.12	9
10	173.56	174.06	174.14	174.41	174.45	174.43	174.45	174.30	174.16	174.21	174.17	174.00	10
11	173.45	174.10	174.14	174.38	174.45	174.47	174.39	174.31	174.17	174.08	174.05	174.07	11
12	174.09	174.09	174.18	174.50	174.43	174.46	174.37	174.31	174.17	174.08	173.83	174.07	12
13	174.14	174.08	173.99	174.43	174.44	174.41	174.42	174.30	174.17	174.07	173.97	174.06	13
14	174.10	174.09	174.18	174.45	174.46	174.44	174.44	174.29	174.15	173.88	174.00	174.02	14
15	174.05	174.08	174.34	174.49	174.45	174.40	174.41	174.29	174.16	173.93	173.98	174.09	15
16	173.86	174.10	174.29	174.49	174.43	174.46	174.42	174.28	174.10	173.93	173.99	174.07	16
17	173.93	174.34	174.24	174.39	174.43	174.43	174.40	174.27	174.16	174.05	174.04	174.18	17
18	174.10	174.09	174.30	174.47	174.44	174.44	174.37	174.27	174.06	174.05	174.05	174.19	18
19	174.11	174.03	174.32	174.50	174.40	174.40	174.39	174.23	174.15	174.04	174.07	174.12	19
20	174.09	174.05	174.39	174.45	174.40	174.42	174.40	174.20	174.06	173.78	174.08	173.97	20
21	174.20	174.07	174.23	174.41	174.49	174.37	174.40	174.27	174.09	173.97	174.06	174.08	21
22	174.20	174.07	174.30	174.46	174.50	174.43	174.40	174.25	174.10	174.01	174.15	174.18	22
23	173.81	174.10	174.35	174.44	174.42	174.41	174.40	174.20	174.10	174.01	174.06	174.18	23
24	173.68	174.25	174.36	174.47	174.40	174.43	174.39	174.26	174.12	174.04	173.98	174.18	24
25	174.04	174.10	174.34	174.47	174.41	174.41	174.38	174.15	174.14	174.01	173.92	174.17	25
26	174.05	174.08	174.27	174.47	174.42	174.43	174.36	174.23	174.15	174.01	173.97	174.16	26
27	174.08	174.11	174.32	174.43	174.43	174.43	174.43	174.20	174.14	174.01	174.09	174.27	27
28	173.91	174.14	174.37	174.49	174.45	174.42	174.33	174.22	174.16	174.02	174.15	174.00	28
29	174.06		174.39	174.48	174.44	174.43	174.39	174.23	174.21	173.97	173.97	174.08	29
30	174.06		174.40	174.47	174.44	174.41	174.37	174.21	174.16	173.98	174.09	174.16	30
31	174.36		174.31		174.46		174.32	174.21		173.99		174.20	31
MEAN	174.01	174.09	174.23	174.44	174.44	174.44	174.40	174.28	174.15	174.05	174.02	174.11	MEAN
MAX	174.36	174.34	174.40	174.81	174.50	174.53	174.46	174.39	174.27	174.28	174.17	174.27	MAX
MIN	173.45	173.93	173.99	173.98	174.40	174.37	174.32	174.15	174.06	173.78	173.76	173.97	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 174.22
MAXIMUM DAILY, 174.81 ON APR 6
MINIMUM DAILY, 173.45 ON JAN 11
MAXIMUM INSTANTANEOUS,
174.92 AT 23:00 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 01 36 N
LONG 82 44 05 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 12065 KINGSVILLE, ONT

LAKE ERIE AT PORT COLBORNE - STATION NO. 02HA017

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.35	174.35	174.15	174.47	174.47	174.45	174.44	174.37	174.18	174.16	174.01	174.10	1
2	174.01	174.06	174.08	174.30	174.47	174.46	174.45	174.37	174.22	174.05	174.06	174.09	2
3	174.16	174.07	174.08	174.62	174.45	174.29	174.40	174.30	174.31	174.16	174.10	174.14	3
4	174.68	174.12	174.03	174.92	174.42	174.36	174.39	174.37	174.23	174.08	174.14	174.12	4
5	174.33	174.09	174.19	174.28	174.41	174.36	174.42	174.29	174.19	174.11	174.51	174.08	5
6	174.22	174.24	174.10	174.06	174.42	174.43	174.41	174.25	174.15	174.10	174.29	174.32	6
7	174.24	174.18	174.14	174.49	174.43	174.43	174.46	174.30	174.01	174.15	174.19	174.25	7
8	174.54	174.11	174.10	174.45	174.45	174.45	174.42	174.33	174.11	174.12	174.17	174.11	8
9	174.22	174.10	174.16	174.40	174.45	174.42	174.41	174.38	174.14	173.95	174.00	174.10	9
10	174.85	174.12	174.10	174.50	174.43	174.47	174.38	174.35	174.13	174.04	173.95	174.33	10
11	174.99	174.09	174.12	174.52	174.41	174.44	174.42	174.31	174.13	174.16	174.13	174.16	11
12	174.17	174.08	174.11	174.41	174.43	174.42	174.48	174.29	174.12	174.16	174.40	174.13	12
13	174.09	174.08	174.31	174.46	174.41	174.45	174.38	174.29	174.11	174.15	174.18	174.26	13
14	174.12	174.08	174.23	174.44	174.38	174.38	174.44	174.37	174.13	174.36	174.13	174.27	14
15	174.20	174.07	174.09	174.42	174.38	174.49	174.38	174.27	174.09	174.26	174.19	174.14	15
16	174.48	174.03	174.17	174.43	174.38	174.41	174.37	174.27	174.18	174.20	174.14	174.17	16
17	174.39	173.74	174.32	174.52	174.37	174.46	174.41	174.27	174.10	174.08	174.02	174.07	17
18	174.08	173.99	174.30	174.50	174.38	174.43	174.42	174.26	174.22	174.09	174.01	174.14	18
19	174.04	174.12	174.31	174.46	174.40	174.47	174.39	174.32	174.09	174.08	174.01	174.16	19
20	174.05	174.08	174.22	174.48	174.40	174.46	174.36	174.35	174.19	174.41	174.04	174.36	20
21	173.82	174.09	174.44	174.56	174.30	174.53	174.37	174.22	174.10	174.11	174.09	174.27	21
22	173.83	174.10	174.40	174.53	174.28	174.45	174.35	174.28	174.12	174.02	173.93	174.17	22
23	174.45	174.08	174.35	174.52	174.37	174.48	174.31	174.30	174.23	174.01	174.08	174.16	23
24	174.61	173.91	174.34	174.50	174.40	174.44	174.33	174.21	174.18	173.97	174.19	174.17	24
25	174.10	174.10	174.35	174.45	174.39	174.45	174.39	174.31	174.09	173.99	174.32	174.24	25
26	174.08	174.12	174.46	174.45	174.37	174.40	174.36	174.26	174.10	174.00	174.21	174.27	26
27	174.04	174.09	174.42	174.47	174.35	174.40	174.28	174.26	174.11	173.99	174.07	174.17	27
28	174.20	174.05	174.38	174.44	174.41	174.40	174.39	174.21	174.15	174.00	174.05	174.57	28
29	174.05		174.35	174.45	174.41	174.43	174.34	174.18	174.09	174.05	174.32	174.46	29
30	174.06		174.33	174.45	174.43	174.46	174.33	174.17	174.14	174.02	174.13	174.36	30
31	173.73		174.47		174.43		174.40	174.16		174.01		174.29	31
MEAN	174.23	174.08	174.25	174.47	174.40	174.43	174.39	174.28	174.14	174.10	174.13	174.21	MEAN
MAX	174.99	174.35	174.47	174.92	174.47	174.53	174.48	174.38	174.31	174.41	174.51	174.57	MAX
MIN	173.73	173.74	174.03	174.06	174.28	174.29	174.28	174.16	174.01	173.95	173.93	174.07	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 174.26
MAXIMUM DAILY, 174.99 ON JAN 11
MINIMUM DAILY, 173.73 ON JAN 31
MAXIMUM INSTANTANEOUS,
175.91 AT 19:45 EST ON JAN 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 52 26 N
LONG 79 15 12 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS 12865 PORT COLBORNE, ONT

LAKE ERIE AT PORT DOVER - STATION NO. 02GC028

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.21	174.23	174.18	174.41	174.41	174.40	174.39	174.33	174.17	174.11	173.99	174.07	1
2	174.01	174.03	174.05	174.28	174.41	174.41	174.38	174.33	174.18	174.05	174.03	174.07	2
3	174.12	174.03	174.05	174.68	174.41	174.28	174.36	174.30	174.22	174.12	174.07	174.10	3
4	174.47	174.08	174.04	174.67	174.38	174.38	174.35	174.34	174.17	174.06	174.10	174.09	4
5	174.19	174.05	174.18	174.26	174.38	174.35	174.37	174.29	174.15	174.09	174.33	174.07	5
6	174.14	174.18	174.08	174.28	174.39	174.40	174.38	174.26	174.18	174.08	174.16	174.21	6
7	174.14	174.14	174.10	174.42	174.39	174.39	174.41	174.29	174.03	174.13	174.10	174.16	7
8	174.36	174.07	174.07	174.49	174.40	174.40	174.38	174.32	174.10	174.09	174.09	174.07	8
9	174.12	174.06	174.19	174.38	174.40	174.38	174.37	174.34	174.12	173.97	173.99	174.08	9
10	174.58	174.08	174.08	174.47	174.39	174.43	174.36	174.30	174.11	174.06	173.95	174.23	10
11	174.67	174.05	174.10	174.50	174.38	174.39	174.41	174.27	174.11	174.18	174.08	174.09	11
12	174.12	174.04	174.09	174.49	174.39	174.39	174.41	174.26	174.10	174.11	174.26	174.09	12
13	174.07	174.04	174.30	174.47	174.37	174.41	174.35	174.28	174.10	174.10	174.06	174.15	13
14	174.08	174.02	174.19	174.44	174.35	174.39	174.35	174.25	174.12	174.23	174.08	174.19	14
15	174.13	174.03	174.09	174.41	174.35	174.43	174.36	174.25	174.09	174.13	174.09	174.10	15
16	174.24	174.00	174.19	174.43	174.36	174.36	174.36	174.25	174.13	174.09	174.08	174.12	16
17	174.19	173.81	174.29	174.54	174.35	174.41	174.37	174.24	174.07	174.02	174.09	174.07	17
18	174.09	174.00	174.27	174.46	174.34	174.39	174.39	174.23	174.14	174.05	173.98	174.13	18
19	174.01	174.09	174.28	174.44	174.38	174.40	174.35	174.25	174.08	174.05	173.99	174.15	19
20	174.02	174.06	174.22	174.48	174.36	174.40	174.35	174.28	174.14	174.26	174.02	174.29	20
21	173.86	174.05	174.40	174.52	174.27	174.45	174.36	174.20	174.08	174.01	174.05	174.19	21
22	173.85	174.06	174.36	174.48	174.27	174.39	174.33	174.25	174.10	173.97	173.95	174.13	22
23	174.26	174.05	174.33	174.50	174.34	174.40	174.31	174.25	174.16	173.98	174.05	174.14	23
24	174.33	173.90	174.31	174.46	174.36	174.38	174.33	174.19	174.14	173.96	174.08	174.15	24
25	174.03	174.06	174.32	174.43	174.35	174.39	174.35	174.27	174.07	173.96	174.19	174.18	25
26	174.04	174.08	174.38	174.43	174.33	174.35	174.32	174.21	174.09	173.97	174.12	174.21	26
27	174.00	174.06	174.35	174.43	174.32	174.35	174.27	174.21	174.09	173.96	174.03	174.15	27
28	174.14	174.03	174.34	174.40	174.37	174.35	174.36	174.16	174.12	173.97	174.06	174.42	28
29	174.01		174.32	174.40	174.38	174.38	174.31	174.15	174.08	174.02	174.20	174.31	29
30	174.02		174.33	174.40	174.39	174.38	174.31	174.16	174.12	173.98	174.08	174.26	30
31	173.79		174.45		174.38		174.35	174.15		173.98		174.23	31
MEAN	174.14	174.05	174.22	174.44	174.37	174.39	174.36	174.25	174.12	174.05	174.07	174.16	MEAN
MAX	174.67	174.23	174.45	174.68	174.41	174.45	174.41	174.34	174.22	174.26	174.33	174.42	MAX
MIN	173.79	173.81	174.04	174.20	174.27	174.28	174.27	174.15	174.03	173.96	173.95	174.07	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 174.22
MAXIMUM DAILY, 174.68 ON APR 3
MINIMUM DAILY, 173.79 ON JAN 31
MAXIMUM INSTANTANEOUS,
175.47 AT 20:47 EST ON JAN 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 46 51 N
LONG 80 12 06 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 12710 PORT DOVER, ONT

LAKE ERIE AT PORT STANLEY - STATION NO. 02GC027

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.15	174.11	174.12	174.40	174.45	174.45	174.41	174.32	174.19	174.13	174.04	174.11	1
2	174.13	174.09	174.09	174.38	174.45	174.43	174.42	174.32	174.20	174.12	174.06	174.12	2
3	174.15	174.07	174.10	174.53	174.44	174.39	174.41	174.32	174.19	174.15	174.08	174.14	3
4	174.27	174.11	174.12	174.39	174.43	174.42	174.41	174.33	174.16	174.11	174.09	174.11	4
5	174.15	174.10	174.14	174.35	174.43	174.41	174.42	174.30	174.17	174.12	174.12	174.14	5
6	174.15	174.14	174.12	174.30	174.44	174.46	174.42	174.29	174.17	174.12	174.07	174.17	6
7	174.13	174.17	174.12	174.42	174.44	174.46	174.43	174.30	174.12	174.15	174.09	174.12	7
8	174.18	174.11	174.13	174.43	174.44	174.46	174.40	174.34	174.15	174.13	174.06	174.11	8
9	174.10	174.10	174.16	174.43	174.44	174.45	174.40	174.32	174.15	174.09	174.02	174.11	9
10	174.19	174.11	174.13	174.47	174.43	174.46	174.40	174.28	174.14	174.13	174.05	174.16	10
11	174.28	174.10	174.13	174.47	174.43	174.44	174.42	174.27	174.15	174.15	174.11	174.09	11
12	174.15	174.08	174.16	174.46	174.43	174.45	174.40	174.26	174.15	174.13	174.15	174.10	12
13	174.11	174.08	174.23	174.48	174.42	174.45	174.37	174.26	174.15	174.11	174.04	174.18	13
14	174.12	174.08	174.21	174.46	174.41	174.43	174.36	174.26	174.15	174.11	174.07	174.16	14
15	174.14	174.08	174.19	174.46	174.41	174.46	174.37	174.25	174.15	174.07	174.05	174.11	15
16	174.10	174.05	174.25	174.47	174.41	174.42	174.37	174.25	174.12	174.02	174.07	174.10	16
17	174.12	174.00	174.29	174.51	174.40	174.44	174.38	174.22	174.13	174.05	174.03	174.13	17
18	174.09	174.07	174.30	174.48	174.40	174.43	174.38	174.23	174.12	174.08	174.03	174.21	18
19	174.08	174.08	174.31	174.48	174.42	174.42	174.36	174.25	174.13	174.07	174.05	174.19	19
20	174.07	174.09	174.30	174.50	174.39	174.44	174.36	174.25	174.12	174.14	174.08	174.17	20
21	174.04	174.07	174.35	174.49	174.38	174.45	174.37	174.21	174.11	173.99	174.07	174.14	21
22	174.07	174.09	174.36	174.48	174.38	174.43	174.34	174.27	174.12	174.01	174.04	174.18	22
23	174.16	174.08	174.35	174.50	174.41	174.42	174.34	174.24	174.15	174.00	174.05	174.18	23
24	174.13	174.03	174.36	174.49	174.41	174.42	174.33	174.23	174.18	174.01	174.04	174.18	24
25	174.07	174.09	174.34	174.47	174.39	174.42	174.34	174.22	174.13	174.00	174.11	174.22	25
26	174.07	174.11	174.36	174.47	174.39	174.40	174.32	174.23	174.12	174.00	174.08	174.20	26
27	174.06	174.09	174.34	174.48	174.39	174.40	174.32	174.21	174.13	174.00	174.05	174.21	27
28	174.10	174.09	174.37	174.46	174.44	174.40	174.32	174.17	174.15	174.01	174.09	174.30	28
29	174.06		174.36	174.45	174.44	174.42	174.32	174.19	174.14	174.02	174.13	174.25	29
30	174.06		174.38	174.45	174.44	174.40	174.34	174.19	174.15	174.00	174.10	174.23	30
31	174.02		174.43		174.44		174.32	174.19		174.01		174.24	31
MEAN	174.12	174.09	174.24	174.45	174.42	174.43	174.37	174.26	174.15	174.07	174.07	174.16	MEAN
MAX	174.27	174.17	174.43	174.53	174.45	174.46	174.43	174.34	174.20	174.15	174.15	174.30	MAX
MIN	174.02	174.00	174.09	174.38	174.38	174.39	174.32	174.17	174.11	173.99	174.02	174.09	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 174.24
MAXIMUM DAILY, 174.53 ON APR 3
MINIMUM DAILY, 173.99 ON OCT 21
MAXIMUM INSTANTANEOUS,
174.83 AT 21:30 EST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 39 32 N
LONG 81 12 48 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 12400 PORT STANLEY, ONT

LAKE HURON AT COLLINGWOOD - STATION NO. 02ED012

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.40	176.23	176.19	176.42	176.38	176.42	176.44	176.48	176.35	176.39	176.27	176.32	1
2	176.18	176.20	176.21	176.20	176.39	176.43	176.44	176.42	176.45	176.31	176.27	176.29	2
3	176.16	176.24	176.14	176.12	176.35	176.38	176.41	176.41	176.58	176.36	176.36	176.36	3
4	176.14	176.34	176.11	176.50	176.32	176.38	176.41	176.44	176.46	176.35	176.40	176.45	4
5	176.30	176.20	176.20	176.31	176.30	176.39	176.39	176.45	176.45	176.32	176.42	176.29	5
6	176.36	176.26	176.17	176.28	176.31	176.40	176.40	176.43	176.41	176.32	176.56	176.49	6
7	176.43	176.35	176.19	176.33	176.37	176.34	176.45	176.44	176.38	176.34	176.41	176.58	7
8	176.40	176.30	176.16	176.30	176.37	176.36	176.46	176.44	176.40	176.41	176.44	176.47	8
9	176.38	176.25	176.13	176.28	176.38	176.36	176.45	176.52	176.43	176.29	176.39	176.43	9
10	176.47	176.27	176.13	176.31	176.32	176.37	176.38	176.56	176.41	176.13	176.18	176.52	10
11	176.51	176.27	176.16	176.30	176.31	176.40	176.39	176.50	176.39	176.28	176.30	176.46	11
12	176.38	176.22	176.15	176.25	176.38	176.38	176.55	176.47	176.40	176.38	176.43	176.45	12
13	176.21	176.20	176.19	176.30	176.33	176.40	176.44	176.46	176.37	176.37	176.45	176.43	13
14	176.23	176.17	176.31	176.30	176.32	176.39	176.41	176.46	176.38	176.44	176.32	176.45	14
15	176.26	176.19	176.16	176.23	176.33	176.37	176.42	176.44	176.31	176.50	176.44	176.39	15
16	176.38	176.19	176.01	176.23	176.35	176.43	176.41	176.46	176.48	176.46	176.44	176.42	16
17	176.36	176.10	176.14	176.36	176.34	176.41	176.44	176.48	176.39	176.36	176.34	176.34	17
18	176.28	176.12	176.19	176.46	176.32	176.39	176.47	176.45	176.48	176.36	176.28	176.26	18
19	176.21	176.20	176.21	176.28	176.37	176.43	176.48	176.47	176.39	176.35	176.26	176.32	19
20	176.28	176.18	176.13	176.29	176.40	176.43	176.45	176.49	176.39	176.38	176.23	176.44	20
21	176.15	176.20	176.18	176.44	176.33	176.43	176.45	176.46	176.38	176.49	176.40	176.45	21
22	176.07	176.20	176.27	176.39	176.39	176.44	176.45	176.48	176.36	176.36	176.33	176.35	22
23	176.09	176.21	176.21	176.39	176.37	176.45	176.45	176.48	176.40	176.39	176.34	176.25	23
24	176.38	176.14	176.20	176.40	176.34	176.42	176.44	176.45	176.35	176.37	176.40	176.35	24
25	176.29	176.18	176.25	176.36	176.35	176.46	176.49	176.46	176.31	176.39	176.53	176.39	25
26	176.26	176.21	176.29	176.35	176.37	176.42	176.48	176.47	176.35	176.39	176.41	176.52	26
27	176.21	176.18	176.28	176.39	176.34	176.41	176.44	176.49	176.37	176.33	176.38	176.37	27
28	176.36	176.13	176.24	176.35	176.35	176.42	176.48	176.50	176.36	176.30	176.28	176.45	28
29	176.34		176.23	176.33	176.37	176.44	176.48	176.43	176.30	176.35	176.34	176.57	29
30	176.27		176.12	176.33	176.37	176.47	176.42	176.43	176.34	176.41	176.34	176.55	30
31	176.14		176.24		176.37		176.48	176.41		176.35		176.51	31
MEAN	176.28	176.21	176.19	176.33	176.35	176.41	176.44	176.46	176.39	176.36	176.37	176.42	MEAN
MAX	176.51	176.35	176.31	176.50	176.40	176.47	176.55	176.52	176.58	176.50	176.56	176.58	MAX
MIN	176.07	176.10	176.01	176.12	176.30	176.34	176.38	176.41	176.30	176.13	176.18	176.25	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 176.35
MAXIMUM DAILY, 176.58 ON SEP 3
MINIMUM DAILY, 176.01 ON MAR 16
MAXIMUM INSTANTANEOUS,
176.95 AT :34 EST ON DEC 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 30 17 N
LONG 80 13 02 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 11500 COLLINGWOOD, ONT

LAKE HURON AT GODERICH - STATION NO. 02FE012

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.37	176.28	176.19	176.36	176.38	176.44	176.47	176.51	176.46	176.44	176.37	176.38	1
2	176.27	176.26	176.28	176.27	176.39	176.45	176.46	176.49	176.49	176.37	176.35	176.37	2
3	176.21	176.31	176.22	176.20	176.37	176.43	176.46	176.51	176.58	176.40	176.42	176.42	3
4	176.26	176.30	176.21	176.54	176.34	176.43	176.45	176.52	176.52	176.42	176.46	176.51	4
5	176.33	176.25	176.21	176.38	176.31	176.44	176.42	176.51	176.49	176.37	176.46	176.40	5
6	176.36	176.26	176.21	176.37	176.34	176.44	176.41	176.49	176.50	176.39	176.53	176.50	6
7	176.45	176.21	176.24	176.36	176.39	176.38	176.47	176.50	176.45	176.40	176.41	176.41	7
8	176.45	176.29	176.21	176.33	176.39	176.41	176.48	176.49	176.46	176.44	176.44	176.54	8
9	176.51	176.27	176.19	176.32	176.40	176.41	176.47	176.55	176.47	176.38	176.40	176.49	9
10	176.47	176.26	176.16	176.32	176.36	176.40	176.44	176.50	176.45	176.25	176.26	176.50	10
11	176.63	176.23	176.18	176.33	176.34	176.42	176.42	176.54	176.43	176.39	176.34	176.59	11
12	176.34	176.25	176.17	176.29	176.39	176.41	176.56	176.52	176.44	176.44	176.39	176.54	12
13	176.30	176.23	176.17	176.31	176.37	176.44	176.48	176.52	176.42	176.43	176.54	176.42	13
14	176.29	176.20	176.28	176.34	176.35	176.42	176.45	176.50	176.48	176.47	176.41	176.48	14
15	176.28	176.20	176.22	176.29	176.36	176.41	176.47	176.49	176.43	176.56	176.48	176.44	15
16	176.42	176.27	176.18	176.28	176.38	176.46	176.45	176.50	176.50	176.53	176.47	176.49	16
17	176.44	176.19	176.20	176.34	176.37	176.44	176.47	176.51	176.46	176.43	176.40	176.40	17
18	176.31	176.18	176.23	176.43	176.36	176.44	176.50	176.49	176.53	176.37	176.35	176.37	18
19	176.26	176.23	176.26	176.36	176.41	176.47	176.53	176.49	176.47	176.39	176.34	176.40	19
20	176.31	176.23	176.21	176.33	176.42	176.48	176.49	176.52	176.47	176.35	176.28	176.52	20
21	176.26	176.26	176.24	176.43	176.39	176.46	176.49	176.48	176.46	176.53	176.44	176.51	21
22	176.17	176.22	176.30	176.40	176.37	176.48	176.48	176.48	176.46	176.43	176.42	176.41	22
23	176.12	176.27	176.24	176.39	176.41	176.47	176.49	176.53	176.47	176.43	176.42	176.35	23
24	176.43	176.24	176.22	176.40	176.43	176.44	176.47	176.48	176.43	176.41	176.52	176.39	24
25	176.37	176.22	176.28	176.36	176.42	176.48	176.49	176.47	176.40	176.42	176.53	176.41	25
26	176.33	176.22	176.36	176.38	176.40	176.47	176.51	176.51	176.42	176.39	176.48	176.52	26
27	176.17	176.23	176.35	176.41	176.38	176.45	176.49	176.52	176.44	176.37	176.45	176.45	27
28	176.27	176.20	176.28	176.38	176.40	176.46	176.51	176.52	176.42	176.34	176.37	176.42	28
29	176.31		176.25	176.37	176.41	176.47	176.50	176.47	176.37	176.36	176.41	176.42	29
30	176.30		176.16	176.36	176.41	176.48	176.48	176.47	176.40	176.41	176.41	176.57	30
31	176.34		176.22		176.40		176.50	176.47		176.41		176.50	31
MEAN	176.33	176.24	176.23	176.35	176.38	176.44	176.48	176.50	176.46	176.41	176.42	176.47	MEAN
MAX	176.63	176.31	176.36	176.54	176.63	176.48	176.56	176.58	176.58	176.56	176.54	176.62	MAX
MIN	176.12	176.18	176.14	176.28	176.31	176.38	176.41	176.47	176.37	176.25	176.26	176.27	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 176.39
MAXIMUM DAILY, 176.63 ON JAN 11
MINIMUM DAILY, 176.12 ON JAN 23
MAXIMUM INSTANTANEOUS,
176.89 AT 5:00 EST ON JAN 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 44 45 N
LONG 81 43 44 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 11060 GODERICH, ONT

LAKE HURON AT LITTLE CURRENT - STATION NO. 02CB002

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.21	176.10	176.07	176.17	176.24	176.32	176.35	176.36	176.25	176.23	176.19	176.25	1
2	176.13	176.12	176.06	176.15	176.25	176.32	176.34	176.30	176.36	176.30	176.18	176.25	2
3	176.13	176.06	176.04	176.13	176.23	176.26	176.30	176.32	176.47	176.25	176.25	176.33	3
4	176.01	176.11	176.00	176.13	176.20	176.26	176.30	176.34	176.36	176.23	176.30	176.34	4
5	176.16	176.11	176.06	176.18	176.19	176.26	176.31	176.34	176.33	176.21	176.33	176.25	5
6	176.23	176.18	176.08	176.08	176.22	176.28	176.33	176.33	176.25	176.19	176.46	176.41	6
7	176.25	176.23	176.04	176.16	176.26	176.28	176.38	176.35	176.26	176.22	176.32	176.45	7
8	176.24	176.17	176.07	176.18	176.25	176.27	176.38	176.37	176.31	176.26	176.29	176.35	8
9	176.19	176.12	176.02	176.16	176.24	176.25	176.35	176.43	176.34	176.16	176.21	176.34	9
10	176.20	176.15	176.06	176.20	176.19	176.28	176.29	176.45	176.32	176.10	176.17	176.48	10
11	176.26	176.16	176.04	176.17	176.20	176.31	176.36	176.38	176.30	176.20	176.26	176.41	11
12	176.18	176.10	176.06	176.18	176.25	176.28	176.46	176.36	176.31	176.28	176.33	176.32	12
13	176.12	176.09	176.11	176.14	176.18	176.30	176.34	176.34	176.29	176.24	176.32	176.40	13
14	176.12	176.09	176.13	176.20	176.19	176.28	176.31	176.33	176.24	176.30	176.36	176.38	14
15	176.17	176.09	176.06	176.15	176.22	176.27	176.33	176.32	176.19	176.26	176.33	176.30	15
16	176.17	176.06	176.00	176.15	176.22	176.31	176.33	176.36	176.29	176.20	176.38	176.23	16
17	176.26	176.02	176.02	176.21	176.21	176.30	176.36	176.34	176.31	176.19	176.26	176.29	17
18	176.17	176.04	176.08	176.27	176.22	176.28	176.40	176.33	176.32	176.24	176.23	176.37	18
19	176.14	176.09	176.08	176.17	176.27	176.30	176.37	176.38	176.32	176.21	176.23	176.30	19
20	176.11	176.09	176.03	176.16	176.27	176.33	176.34	176.33	176.29	176.27	176.26	176.32	20
21	176.06	176.06	176.06	176.24	176.20	176.32	176.35	176.32	176.24	176.28	176.34	176.30	21
22	176.08	176.09	176.13	176.26	176.19	176.33	176.34	176.39	176.23	176.26	176.25	176.28	22
23	176.12	176.06	176.13	176.27	176.21	176.34	176.33	176.35	176.28	176.29	176.23	176.25	23
24	176.10	176.02	176.13	176.29	176.27	176.33	176.35	176.32	176.29	176.29	176.33	176.28	24
25	176.14	176.05	176.13	176.26	176.27	176.34	176.40	176.34	176.17	176.29	176.43	176.33	25
26	176.14	176.09	176.07	176.20	176.25	176.29	176.36	176.38	176.23	176.24	176.27	176.38	26
27	176.20	176.07	176.08	176.23	176.22	176.31	176.35	176.38	176.23	176.24	176.29	176.31	27
28	176.16	176.04	176.14	176.22	176.24	176.32	176.36	176.37	176.23	176.24	176.25	176.39	28
29	176.20		176.13	176.21	176.25	176.32	176.37	176.32	176.23	176.31	176.24	176.43	29
30	176.11		176.08	176.21	176.25	176.36	176.32	176.34	176.25	176.36	176.28	176.49	30
31	176.04		176.16		176.27		176.37	176.27		176.25		176.47	31
MEAN	176.15	176.09	176.08	176.19	176.23	176.30	176.35	176.35	176.28	176.24	176.28	176.34	MEAN
MAX	176.26	176.23	176.16	176.29	176.27	176.36	176.46	176.45	176.47	176.36	176.46	176.49	MAX
MIN	176.01	176.02	176.00	176.08	176.18	176.24	176.29	176.27	176.17	176.10	176.17	176.23	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 176.24
MAXIMUM DAILY, 176.49 ON DEC 30
MINIMUM DAILY, 176.00 ON MAR 4
MAXIMUM INSTANTANEOUS,
176.73 AT 1:50 EST ON NOV 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 58 53 N
LONG 81 55 41 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 11195 LITTLE CURRENT, ONT

LAKE HURON AT PARRY SOUND - STATION NO. 02EA014

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.38	176.13	176.09	176.30	176.27	176.33	176.35	176.39	176.27	176.29	176.19	176.23	1
2	176.16	176.10	176.11	176.10	176.27	176.34	176.36	176.31	176.37	176.23	176.20	176.22	2
3	176.07	176.11	176.05	176.06	176.24	176.27	176.31	176.33	176.53	176.28	176.28	176.31	3
4	176.08	176.13	176.00	176.37	176.20	176.27	176.31	176.36	176.37	176.26	176.32	176.36	4
5	176.18	176.10	176.10	176.19	176.18	176.28	176.30	176.37	176.35	176.23	176.40	176.23	5
6	176.26	176.18	176.07	176.13	176.20	176.28	176.32	176.34	176.28	176.24	176.57	176.45	6
7	176.30	176.28	176.09	176.22	176.26	176.24	176.39	176.36	176.28	176.25	176.36	176.51	7
8	176.32	176.21	176.07	176.21	176.26	176.26	176.39	176.36	176.31	176.33	176.36	176.38	8
9	176.23	176.15	176.02	176.19	176.26	176.26	176.37	176.46	176.37	176.20	176.23	176.31	9
10	176.44	176.18	176.04	176.22	176.21	176.27	176.29	176.51	176.33	176.08	176.12	---	10
11	176.30	176.18	176.07	176.20	176.19	176.31	176.33	176.41	176.31	176.23	176.23	---	11
12	176.17	176.12	176.05	176.16	176.26	176.28	176.51	176.36	176.32	176.34	176.39	---	12
13	176.12	176.11	176.11	176.21	176.22	176.30	176.35	176.37	176.30	176.31	176.34	---	13
14	176.13	176.08	176.21	176.20	176.20	176.32	176.37	176.37	176.27	176.40	176.26	176.41	14
15	176.18	176.10	176.07	176.14	176.22	176.26	176.34	176.35	176.21	176.39	176.35	176.31	15
16	176.28	176.08	175.92	176.14	176.24	176.34	176.33	176.38	176.34	176.30	176.41	176.26	16
17	176.25	176.00	176.04	176.27	176.22	176.31	176.37	176.39	176.31	176.25	176.26	176.25	17
18	176.20	176.02	176.09	176.36	176.20	176.29	176.41	176.36	176.39	176.29	176.21	176.24	18
19	176.14	176.11	176.11	176.17	176.26	176.33	176.41	176.41	176.31	176.28	176.18	176.26	19
20	176.15	176.09	176.03	176.19	176.28	176.33	176.35	176.39	176.32	176.37	176.18	176.33	20
21	176.05	176.10	176.08	176.35	176.20	176.33	176.35	176.35	176.29	176.42	176.33	176.33	21
22	176.00	176.10	176.18	176.29	176.18	176.34	176.36	176.46	176.26	176.27	176.24	176.27	22
23	176.08	176.11	176.11	176.29	176.21	176.36	176.35	176.40	176.32	176.31	176.24	176.18	23
24	176.25	176.03	176.12	176.29	176.27	176.33	176.35	176.37	176.27	176.30	176.37	176.28	24
25	176.17	176.09	176.15	176.26	176.27	176.37	176.43	176.38	176.22	176.31	176.50	176.33	25
26	176.15	176.12	176.16	176.24	176.25	176.31	176.38	176.40	176.27	176.25	176.31	176.43	26
27	176.15	176.09	176.17	176.26	176.22	176.30	176.35	176.42	176.28	176.24	176.28	176.29	27
28	176.28	176.03	176.15	176.24	176.24	176.32	176.38	176.40	176.27	176.22	176.22	176.48	28
29	176.24		176.13	176.23	176.25	176.34	176.38	176.33	176.23	176.29	176.35	176.50	29
30	176.17		176.09	176.32	176.26	176.37	176.33	176.36	176.27	176.37	176.26	176.52	30
31	176.00		176.16		176.27		176.41	176.30		176.27		176.48	31
MEAN	176.19	176.11	176.09	176.22	176.23	176.31	176.36	176.38	176.31	176.28	176.29	---	MEAN
MAX	176.44	176.28	176.21	176.37	176.28	176.37	176.51	176.51	176.53	176.42	176.57	---	MAX
MIN	176.00	176.00	175.92	176.06	176.18	176.24	176.29	176.30	176.21	176.08	176.12	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MINIMUM DAILY, 175.92 ON MAR 16
MAXIMUM INSTANTANEOUS,
176.87 AT 17:30 EST ON JAN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 20 18 N
LONG 80 02 09 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 11375 PARRY SOUND, ONT

LAKE HURON AT THESSALON - STATION NO. 02CA006

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.22	176.21	176.16	176.24	176.34	176.38	176.43	176.47	176.38	176.35	176.32	176.35	1
2	176.35	176.25	176.16	176.29	176.35	176.38	176.42	176.43	176.43	176.38	176.31	176.39	2
3	176.26	176.17	176.15	176.26	176.34	176.37	176.40	176.48	176.43	176.35	176.37	176.41	3
4	176.14	176.22	176.12	176.17	176.33	176.37	176.40	176.46	176.44	176.38	176.41	176.41	4
5	176.27	176.22	176.16	176.29	176.34	176.37	176.43	176.46	176.43	176.36	176.35	176.39	5
6	176.28	176.24	176.20	176.19	176.36	176.38	176.45	176.45	176.36	176.37	176.40	176.39	6
7	176.31	176.31	176.13	176.26	176.37	176.40	176.47	176.46	176.37	176.40	176.42	176.45	7
8	176.33	176.26	176.19	176.29	176.35	176.37	176.45	176.48	176.41	176.39	176.31	176.39	8
9	176.28	176.23	176.14	176.26	176.35	176.38	176.44	176.45	176.44	176.36	176.32	176.45	9
10	176.27	176.25	176.19	176.32	176.33	176.38	176.41	176.44	176.41	176.36	176.35	176.48	10
11	176.34	176.25	176.15	176.28	176.34	176.42	176.48	176.42	176.42	176.39	176.32	176.45	11
12	176.30	176.22	176.19	176.30	176.36	176.39	176.46	176.43	176.43	176.43	176.35	176.44	12
13	176.24	176.20	176.20	176.23	176.32	176.39	176.43	176.43	176.41	176.38	176.38	176.50	13
14	176.23	176.22	176.22	176.31	176.32	176.39	176.42	176.42	176.37	176.40	176.35	176.47	14
15	176.29	176.19	176.18	176.28	176.34	176.38	176.43	176.42	176.34	176.34	176.40	176.40	15
16	176.25	176.18	176.15	176.28	176.34	176.40	176.45	176.42	176.37	176.32	176.46	176.33	16
17	176.35	176.15	176.13	176.30	176.33	176.40	176.47	176.41	176.42	176.37	176.36	176.46	17
18	176.28	176.16	176.20	176.36	176.35	176.38	176.49	176.42	176.36	176.41	176.36	176.54	18
19	176.26	176.20	176.19	176.31	176.39	176.40	176.45	176.45	176.44	176.39	176.36	176.42	19
20	176.22	176.22	176.15	176.26	176.36	176.43	176.44	176.40	176.37	176.40	176.40	176.41	20
21	176.20	176.17	176.17	176.33	176.32	176.41	176.45	176.40	176.35	176.36	176.38	176.39	21
22	176.23	176.21	176.22	176.37	176.31	176.41	176.44	176.48	176.35	176.35	176.37	176.42	22
23	176.24	176.16	176.25	176.38	176.35	176.42	176.44	176.42	176.40	176.37	176.30	176.42	23
24	176.18	176.13	176.26	176.41	176.37	176.43	176.46	176.41	176.38	176.39	176.37	176.39	24
25	176.25	176.16	176.23	176.37	176.39	176.42	176.46	176.40	176.32	176.38	176.44	176.41	25
26	176.26	176.20	176.16	176.31	176.37	176.39	176.44	176.45	176.37	176.35	176.33	176.42	26
27	176.33	176.18	176.18	176.33	176.34	176.41	176.45	176.36	176.37	176.36	176.38	176.42	27
28	176.22	176.16	176.26	176.34	176.37	176.42	176.42	176.40	176.39	176.36	176.37	176.43	28
29	176.30		176.25	176.32	176.37	176.39	176.46	176.42	176.40	176.41	176.33	176.46	29
30	176.20		176.23	176.32	176.37	176.40	176.46	176.40	176.39	176.44	176.40	176.51	30
31	176.17		176.27		176.39		176.46	176.37		176.34		176.54	31
MEAN	176.26	176.20	176.19	176.30	176.35	176.40	176.44	176.43	176.39	176.38	176.37	176.43	MEAN
MAX	176.35	176.31	176.27	176.41	176.39	176.43	176.49	176.48	176.44	176.44	176.46	176.54	MAX
MIN	176.14	176.13	176.12	176.17	176.31	176.37	176.40	176.36	176.32	176.32	176.30	176.33	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 176.35
MAXIMUM DAILY, 176.54 ON DEC 18
MINIMUM DAILY, 176.12 ON MAR 4
MAXIMUM INSTANTANEOUS,
176.66 AT 9:15 EST ON DEC 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 15 11 N
LONG 83 33 07 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUN

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 11070 THESSALON, ONT

LAKE HURON AT TOBERMORY - STATION NO. 02FA003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.32	176.19	176.17	---	176.32	176.38	176.40	176.44	176.35	176.38	176.28	176.31	1
2	176.23	176.20	176.16	---	176.34	176.38	176.40	176.38	176.41	176.33	176.29	176.31	2
3	176.18	176.17	176.13	---	176.31	176.34	176.37	176.41	176.48	176.35	176.38	176.36	3
4	176.18	176.20	176.09	---	176.28	176.34	176.37	176.42	176.41	176.35	176.37	176.40	4
5	176.25	176.20	176.15	---	176.27	176.35	176.37	176.42	176.41	176.32	176.39	176.33	5
6	176.30	176.23	176.15	176.20	176.30	176.36	176.38	176.41	176.35	176.33	176.47	176.44	6
7	176.36	176.32	176.13	176.26	176.33	176.33	176.43	176.42	176.35	176.36	176.39	176.49	7
8	176.37	176.27	176.13	176.26	176.33	176.34	176.42	176.43	176.38	176.39	176.37	176.42	8
9	176.30	176.24	176.11	176.25	176.32	176.33	176.41	176.48	176.41	176.30	176.31	176.40	9
10	176.38	176.19	176.13	176.28	176.28	176.34	176.36	176.49	176.38	176.23	176.23	176.49	10
11	176.38	176.18	176.13	176.27	176.28	176.37	176.40	176.44	176.38	176.34	176.29	176.49	11
12	176.27	176.16	176.13	176.25	176.33	176.35	176.49	176.42	176.38	176.41	176.38	176.42	12
13	176.22	176.18	176.19	176.26	176.28	176.37	176.41	176.42	176.37	176.38	176.40	176.45	13
14	176.22	176.13	176.23	176.27	176.28	176.36	176.39	176.40	176.36	176.43	176.33	176.45	14
15	176.26	176.10	176.15	176.22	176.30	176.34	176.41	176.40	176.32	176.44	176.39	176.38	15
16	176.32	176.13	176.07	176.23	176.31	176.39	176.40	176.42	176.39	176.38	176.43	176.35	16
17	176.35	176.18	176.11	176.31	176.29	176.37	176.43	176.42	176.39	176.34	176.33	176.35	17
18	176.27	176.17	176.16	176.37	176.30	176.35	176.46	176.40	176.41	176.37	176.30	176.37	18
19	176.23	176.17	176.18	176.26	176.34	176.39	176.45	176.42	176.39	176.36	176.28	176.36	19
20	176.22	176.18	176.11	176.26	176.35	176.39	176.41	176.42	176.38	176.38	176.28	176.40	20
21	176.14	176.15	176.16	176.36	176.29	176.39	176.41	176.39	176.36	176.41	176.37	176.39	21
22	176.12	176.11	176.23	176.36	176.27	176.40	176.41	176.46	176.34	176.34	176.32	176.35	22
23	176.17	176.16	176.20	176.35	176.31	176.41	176.41	176.43	176.38	176.36	176.31	176.31	23
24	176.26	176.19	176.21	176.37	176.35	176.40	176.41	176.41	176.35	176.36	176.39	176.35	24
25	176.24	176.17	176.22	176.33	176.34	176.42	176.45	176.41	176.31	176.37	176.47	176.39	25
26	176.22	176.19	176.20	176.30	176.33	176.38	176.43	176.43	176.35	176.32	176.36	176.45	26
27	176.25	176.17	176.21	176.32	176.31	176.37	176.41	176.42	176.37	176.32	176.36	176.37	27
28	176.28	176.13	176.22	176.30	176.33	176.39	176.43	176.42	176.35	176.30	176.31	176.43	28
29	176.28		176.21	176.29	176.34	176.40	176.43	176.38	176.32	176.35	176.31	176.51	29
30	176.22		176.15	176.29	176.34	176.42	176.40	176.40	176.35	176.41	176.34	176.51	30
31	176.13		176.23		176.34		176.44	176.36		176.33		176.50	31
MEAN	176.26	176.18	176.16	---	176.31	176.37	176.41	176.42	176.37	176.36	176.35	176.40	MEAN
MAX	176.38	176.32	176.23	---	176.35	176.42	176.49	176.49	176.48	176.44	176.47	176.51	MAX
MIN	176.12	176.10	176.07	---	176.27	176.33	176.36	176.36	176.31	176.23	176.23	176.31	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 176.51 ON DEC 29

MAXIMUM INSTANTANEOUS,
176.65 AT 22:15 EST ON DEC 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 15 31 N
LONG 81 39 57 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUN

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERICE AS STATION 11690 TOBERMORY, ONT

LAKE NIPIGON AT MACDIARMID - STATION NO. 02AD007

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	259.050E	259.030	259.030	259.020	259.040	259.420	259.540	259.740	259.748	259.750	259.810	259.770	1
2	259.040	259.030	259.020	259.040	259.050	259.420	259.550	259.720	259.770	259.730	259.830	259.760	2
3	259.040	259.020E	259.010	259.070	259.050	259.400	259.550	259.740	259.780	259.750	259.840	259.760	3
4	259.050	259.010	259.010	259.060	259.070	259.400	259.550	259.740	259.748	259.730	259.860	259.770	4
5	259.040	259.020	259.000	259.040	259.090	259.410	259.540	259.740	259.760	259.750	259.880	259.770	5
6	259.040E	259.010	259.010	259.030	259.110	259.420	259.580	259.740	259.740	259.750	259.830	259.790	6
7	259.030	259.020	259.010	259.030	259.120	259.430	259.610	259.740	259.720	259.770	259.820	259.760	7
8	259.020	259.020	259.010	259.030	259.140	259.440	259.620	259.760	259.720	259.780	259.840	259.780	8
9	259.030	259.030	259.010	259.030	259.160	259.450	259.620	259.810	259.730	259.780	259.820	259.780E	9
10	259.030	259.010E	259.010	259.030	259.170	259.450	259.630	259.780	259.740	259.790	259.810	259.770E	10
11	259.020	259.010	259.020	259.030	259.200	259.460	259.640	259.770	259.740	259.800	259.820	259.760E	11
12	259.020	259.010	259.010	259.030	259.210	259.470	259.640	259.760	259.750	259.820	259.870	259.750E	12
13	259.030	259.010	259.020	259.040	259.230	259.470	259.650	259.760	259.770	259.820	259.820	259.740E	13
14	259.020	259.010	259.020	259.030	259.240	259.480	259.650	259.760	259.760	259.840	259.810	259.730	14
15	259.020	259.020	259.020	259.030	259.270	259.490	259.660	259.760	259.750	259.860	259.790	259.730	15
16	259.030	259.020	259.030	259.050	259.290	259.480	259.660	259.760	259.740	259.840	259.790	259.710	16
17	259.030	259.010	259.040	259.050	259.290	259.490	259.690	259.750	259.750	259.800	259.790	259.690	17
18	259.030	259.010	259.040	259.040	259.300	259.480	259.690	259.750	259.750	259.820	259.780	259.720	18
19	259.030	259.010	259.030	259.040	259.330	259.490	259.690	259.770	259.760	259.840	259.780	259.730	19
20	259.030	259.030	259.030	259.030	259.340	259.490	259.680	259.770	259.760	259.850	259.780	259.720	20
21	259.030	259.030	259.030	259.020	259.340	259.500	259.720	259.760	259.740	259.820	259.810	259.710	21
22	259.020	259.030	259.020	259.010	259.350	259.500	259.730	259.770	259.730	259.810	259.820	259.710	22
23	259.060E	259.030	259.020	259.010	259.350	259.500	259.720	259.770	259.730	259.800	259.830	259.700	23
24	259.040	259.030	259.030	259.010	259.360	259.520	259.710	259.770	259.760	259.800	259.810	259.710	24
25	259.040	259.020	259.040	259.020	259.370	259.520	259.730	259.770	259.730	259.810	259.810	259.710	25
26	259.040	259.030	259.030	259.020	259.380	259.510	259.730	259.770	259.710	259.800	259.820	259.690	26
27	259.030	259.030	259.020	259.020	259.390	259.530	259.730	259.790	259.730	259.800	259.790	259.680	27
28	259.030	259.030	259.020	259.010	259.400	259.540	259.730	259.770	259.720	259.800	259.790	259.670E	28
29	259.030		259.020	259.020	259.400	259.540	259.730	259.740	259.720	259.800	259.790	259.660E	29
30	259.040		259.040	259.030	259.420	259.550	259.730	259.760	259.740	259.820	259.780	259.650	30
31	259.030		259.020		259.420		259.740	259.740		259.810		259.660	31
MEAN	259.033	259.020	259.021	259.031	259.254	259.475	259.659	259.758	259.743	259.798	259.813	259.727	MEAN
MAX	259.060	259.030	259.040	259.070	259.420	259.550	259.740	259.810	259.780	259.860	259.870	259.790	MAX
MIN	259.020	259.010	259.000	259.010	259.040	259.400	259.540	259.720	259.710	259.730	259.780	259.650	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 259.447
MAXIMUM DAILY, 259.870 ON NOV 12
MINIMUM DAILY, 259.000 ON MAR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 02 N
LONG 88 07 55 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE NIPISSING AT FRENCH RIVER OUTLET - STATION NO. 02DD021

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	194.858	194.566	194.412	194.493	195.396	195.442	195.489	195.437	195.346	195.485	195.453	195.356	1
2	194.844	194.559	194.405	194.512	195.410	195.443	195.497	195.447	195.371	195.495	195.446	195.361	2
3	194.842	194.549	194.402	194.560	195.432	195.451	195.518	195.424	195.372	195.488	195.452	195.366	3
4	194.872	194.540	194.407	194.583	195.439	195.452	195.514	195.419	195.379	195.487	195.439	195.378	4
5	194.820	194.538	194.406	194.609	195.453	195.449	195.508	195.416	195.370	195.493	195.413	195.387	5
6	194.813	194.530	194.407	194.629	195.465	195.454	195.490	195.411	195.409	195.498	195.416	195.417	6
7	194.819	194.516	194.397	194.634	195.470	195.456	195.496	195.405	195.396	195.519	195.411	195.434	7
8	194.801	194.514	194.395	194.643	195.472	195.457	195.506	195.403	195.384	195.533	195.396	195.447	8
9	194.781	194.499	194.401	194.648	195.466	195.456	195.497	195.417	195.385	195.569	195.381	195.458	9
10	194.778	194.486	194.405	194.654	195.479	195.462	195.498	195.401	195.396	195.571	195.370	195.428	10
11	194.770	194.484	194.399	194.668	195.469	195.463	195.507	195.399	195.402	195.566	195.355	195.447	11
12	194.758	194.478	194.399	194.681	195.472	195.455	195.491	195.395	195.394	195.571	195.365	195.451	12
13	194.750	194.474	194.401	194.708	195.468	195.475	195.505	195.394	195.394	195.578	195.385	195.442	13
14	194.734	194.463	194.411	194.745	195.459	195.481	195.497	195.381	195.419	195.580	195.382	195.434	14
15	194.722	194.455	194.420	194.789	195.439	195.467	195.498	195.385	195.437	195.596	195.385	195.429	15
16	194.708	194.449	194.420	194.826	195.434	195.491	195.495	195.376	195.412	195.598	195.370	195.432	16
17	194.693	194.445	194.419	194.885	195.428	195.485	195.493	195.381	195.410	195.591	195.373	195.416	17
18	194.688	194.434	194.419	194.965	195.419	195.487	195.503	195.369	195.430	195.563	195.372	195.412	18
19	194.682	194.442	194.425	195.049	195.402	195.497	195.490	195.361	195.418	195.550	195.365	195.401	19
20	194.667	194.435	194.430	195.093	195.397	195.498	195.492	195.375	195.420	195.561	195.357	195.390	20
21	194.661	194.428	194.427	195.119	195.388	195.507	195.472	195.355	195.423	195.562	195.359	195.376	21
22	194.629	194.419	194.432	195.150	195.387	195.501	195.472	195.341	195.443	195.556	195.375	195.363	22
23	194.634	194.420	194.424	195.168	195.384	195.513	195.481	195.369	195.435	195.544	195.373	195.358	23
24	194.636	194.420	194.431	195.212	195.388	195.503	195.458	195.369	195.439	195.527	195.386	195.368	24
25	194.624	194.416	194.437	195.238	195.391	195.508	195.450	195.362	195.449	195.524	195.391	195.373	25
26	194.614	194.423	194.439	195.276	195.398	195.527	195.457	195.355	195.463	195.518	195.383	195.393	26
27	194.609	194.407	194.441	195.315	195.401	195.515	195.437	195.367	195.471	195.506	195.369	195.405	27
28	194.595	194.409	194.445	195.334	195.409	195.515	195.452	195.346	195.471	195.501	195.366	195.422	28
29	194.586		194.442	195.361	195.416	195.520	195.457	195.345	195.473	195.481	195.377	195.447	29
30	194.580		194.451	195.381	195.421	195.523	195.451	195.339	195.479	195.465	195.371	195.462	30
31	194.575		194.473		195.429		195.448	195.344		195.471		195.475	31
MEAN	194.714	194.471	194.420	194.898	195.428	195.482	195.484	195.383	195.417	195.534	195.388	195.411	MEAN
MAX	194.872	194.566	194.473	195.381	195.479	195.527	195.518	195.447	195.479	195.598	195.453	195.475	MAX
MIN	194.575	194.407	194.395	194.493	195.384	195.442	195.437	195.339	195.346	195.465	195.355	195.356	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 195.173
MAXIMUM DAILY, 195.598 ON OCT 16
MINIMUM DAILY, 194.395 ON MAR 8

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 07 33 N
LONG 80 00 42 W
DATA CONTRIBUTED BY -
DEPARTMENT OF PUBLIC WORKS (CANADA)

REGULATED

WATER LEVELS ARE REFERRED TO FRENCH RIVER DATUM
APPLY .085 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LAKE NIPISSING AT NORTH BAY - STATION NO. 02DD006

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	194.941	194.652	194.474	194.573	195.481	195.527	195.597	195.516	195.366	195.553	195.523	195.438	1
2	194.925	194.637	194.484	194.593	195.498	195.534	195.594	195.481	195.440	195.544	195.497	195.433	2
3	194.909	194.631	194.477	194.617	195.510	195.512	195.567	195.471	195.491	195.557	195.528	195.463	3
4	194.913	194.623	194.476	194.670	195.520	195.512	195.572	195.473	195.468	195.552	195.522	195.476	4
5	194.918	194.613	194.479	194.688	195.527	195.515	195.572	195.481	195.463	195.556	195.538	195.450	5
6	194.900	194.607	194.475	194.705	195.539	195.518	195.576	195.480	195.445	195.545	195.592	195.557	6
7	194.894	194.599	194.476	194.717	195.550	195.525	195.615	195.483	195.455	195.544	195.502	195.555	7
8	194.880	194.590	194.474	194.722	195.555	195.527	195.610	195.477	195.467	195.600	195.499	195.544	8
9	194.877	194.581	194.472	194.725	195.551	195.529	195.588	195.522	195.480	195.587	195.465	195.534	9
10	194.858	194.571	194.468	194.728	195.552	195.536	195.557	195.512	195.468	195.571	195.434	195.548	10
11	194.855	194.559	194.473	194.738	195.549	195.561	195.575	195.492	195.463	195.606	195.441	195.538	11
12	194.838	194.553	194.471	194.749	195.545	195.534	195.613	195.462	195.469	195.647	195.493	195.525	12
13	194.829	194.547	194.475	194.785	195.535	195.552	195.571	195.456	195.467	195.661	195.469	195.511	13
14	194.821	194.539	194.487	194.823	195.529	195.557	195.565	195.462	195.468	195.684	195.441	195.506	14
15	194.807	194.521	194.484	194.856	195.520	195.539	195.565	195.455	195.452	195.706	195.479	195.505	15
16	194.799	194.519	194.482	194.896	195.511	195.551	195.563	195.467	195.499	195.685	195.488	195.511	16
17	194.787	194.513	194.488	194.964	195.494	195.557	195.578	195.445	195.478	195.666	195.459	195.497	17
18	194.775	194.506	194.491	195.054	195.474	195.544	195.579	195.449	195.515	195.661	195.439	195.481	18
19	194.758	194.505	194.497	195.117	195.483	195.551	195.560	195.465	195.489	195.647	195.428	195.470	19
20	194.754	194.499	194.497	195.171	195.465	195.570	195.546	195.437	195.477	195.652	195.431	195.467	20
21	194.741	194.502	194.499	195.215	195.448	195.568	195.550	195.428	195.498	195.674	195.459	195.459	21
22	194.724	194.497	194.498	195.243	195.435	195.570	195.541	195.444	195.495	195.629	195.442	195.442	22
23	194.717	194.496	194.496	195.262	195.416	195.576	195.533	195.439	195.508	195.625	195.454	195.428	23
24	194.721	194.491	194.496	195.287	195.441	195.580	195.539	195.431	195.500	195.614	195.479	195.434	24
25	194.709	194.486	194.507	195.315	195.460	195.593	195.548	195.439	195.504	195.606	195.493	195.443	25
26	194.698	194.481	194.520	195.353	195.462	195.573	195.517	195.440	195.522	195.593	195.457	195.478	26
27	194.677	194.482	194.522	195.390	195.464	195.581	195.514	195.447	195.526	195.582	195.466	195.486	27
28	194.680	194.479	194.516	195.418	195.466	195.584	195.529	195.446	195.530	195.569	195.441	195.508	28
29	194.668		194.516	195.441	195.480	195.576	195.536	195.424	195.534	195.571	195.440	195.538	29
30	194.659		194.515	195.462	195.482	195.594	195.520	195.423	195.544	195.571	195.439	195.544	30
31	194.652		194.534		195.489		195.523	195.391		195.544		195.545	31
MEAN	194.796	194.546	194.491	194.976	195.498	195.551	195.562	195.459	195.483	195.607	195.475	195.494	MEAN
MAX	194.941	194.652	194.534	195.462	195.555	195.594	195.615	195.522	195.544	195.706	195.592	195.557	MAX
MIN	194.652	194.479	194.468	194.573	195.416	195.512	195.514	195.391	195.366	195.544	195.428	195.428	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 195.249
MAXIMUM DAILY, 195.706 ON OCT 15
MINIMUM DAILY, 194.468 ON MAR 10
MAXIMUM INSTANTANEOUS,
195.813 AT 03:32 EST ON OCT 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 40 N
LONG 79 28 25 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE OF THE WOODS AT CLEARWATER BAY - STATION NO. 05PD011

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	322.629	322.487	322.354	322.339	322.720	323.080	323.139	323.249	323.143	323.019	323.256	323.305	1
2	322.629	322.474	322.344	322.337	322.732	323.119	323.148	323.309	323.121	323.052	323.212	323.305	2
3	322.637	322.475	322.344	322.351	322.760	323.171	323.145	323.286	323.141	323.044	323.163	323.324	3
4	322.626	322.469	322.346	322.366	322.787	323.167	323.155	323.296	323.155	323.057	323.161	323.320	4
5	322.625	322.463	322.351	322.363	322.793	323.191	323.208	323.275	323.092	323.010	323.218	323.320	5
6	322.629	322.460	322.338	322.364	322.813	323.179	323.179	323.298	323.140	322.978	323.274	323.316	6
7	322.623	322.452	322.338	322.364	322.812	323.146	323.113	323.295	323.173	323.026	323.242E	323.320	7
8	322.617	322.443	322.335	322.366	322.801	323.138	323.151	323.205	323.158	323.066	323.231E	323.314	8
9	322.610	322.441	322.344	322.366	322.811	323.115	323.143	323.212	323.158	323.034	323.254E	323.317	9
10	322.608	322.436	322.337	322.360	322.832	323.124	323.134	323.273	323.137	323.036	323.256E	323.301	10
11	322.600	322.424	322.341	322.362	322.843	323.160	323.128	323.291	323.112	323.068	323.256E	323.301	11
12	322.594	322.415	322.342	322.359	322.864	323.149	323.139	323.330	323.101	323.090	323.118E	323.294	12
13	322.585	322.408	322.349	322.360	322.867	323.174	323.124	323.284	323.089	323.133	323.253E	323.283	13
14	322.587	322.402	322.338	322.367	322.870	323.173	323.131	323.274	323.032	323.119	323.286E	323.277	14
15	322.576	322.394	322.334	322.375	322.869	323.161	323.178	323.271	323.086	323.086	323.294E	323.284	15
16	322.579	322.388	322.330	322.401	322.898	323.199	323.195	323.239	323.119	323.144	323.274E	323.281	16
17	322.567	322.393	322.329	322.430	322.940	323.147	323.247	323.238	323.048	323.214	323.276	323.279	17
18	322.557	322.386	322.328	322.447	322.964	323.180	323.202	323.254	323.082	323.132	323.293	323.267	18
19	322.558	322.380	322.327	322.464	322.959	323.204	323.243	323.210	323.012	323.144	323.286	323.267	19
20	322.548	322.373	322.325	322.492	322.988	323.175	323.254	323.205	323.036	323.154	323.267	323.264	20
21	322.537	322.369	322.335	322.519	323.031	323.181	323.204	323.233	323.067	323.225	323.273	323.258	21
22	322.525	322.362	322.337	322.554	323.045	323.199	323.227	323.198	323.081	323.232	323.277	323.251	22
23	322.522	322.358	322.337	322.580	323.068	323.222	323.268	323.206	323.023	323.249	323.281	323.251	23
24	322.533	322.353	322.341	322.606	323.082	323.154	323.266	323.192	322.986	323.243	323.289	323.245	24
25	322.528	322.360	322.338	322.613	323.095	323.185	323.248	323.187	323.061	323.233	323.289	323.244	25
26	322.523	322.352	322.335	322.641	323.099	323.213	323.244	323.178	323.052	323.254	323.293	323.244	26
27	322.517	322.344	322.339	322.662	323.109	323.164	323.257	323.152	322.975	323.274	323.299	323.232	27
28	322.516	322.353	322.345	322.681	323.121	323.159	323.262	323.183	323.058	323.256	323.297	323.220	28
29	322.501		322.334	322.700	323.131	323.127	323.241	323.169	323.083	323.258	323.299	323.221	29
30	322.495		322.330	322.714	323.122	323.138	323.260	323.153	323.037	323.264	323.303	323.214	30
31	322.494		322.350		323.120		323.280	323.181		323.267		323.203	31
MEAN	322.570	322.408	322.339	322.463	322.934	323.163	323.197	323.236	323.085	323.141	323.259	323.275	MEAN
MAX	322.637	322.487	322.354	322.714	323.131	323.222	323.280	323.330	323.173	323.278	323.303	323.324	MAX
MIN	322.494	322.344	322.325	322.337	322.720	323.080	323.113	323.152	322.975	322.978	323.118	323.203	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 322.926
MAXIMUM DAILY, 323.330 ON AUG 12
MINIMUM DAILY, 322.325 ON MAR 20
MAXIMUM INSTANTANEOUS,
323.348 AT 13:47 CST ON AUG 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 43 06 N
LONG 94 48 20 W

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM

LAKE OF THE WOODS AT HANSON BAY - STATION NO. 05PD008

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	322.637	322.494	322.374	322.363	322.754	323.220	323.155	323.253	323.186	323.028	323.264	323.324	1
2	322.643	322.492	322.371	322.380	322.765	323.153	323.171	323.247	323.201	323.057	323.281	323.328A	2
3	322.640	322.479	322.365	322.400	322.777	323.158	323.176	323.300	323.167	323.046	323.293	323.337A	3
4	322.636	322.474	322.368	322.394	322.794	323.165	323.153	323.306	323.164	323.068	323.268	323.335A	4
5	322.635	322.465	322.363	322.391	322.814	323.149	323.198	323.309	323.129	323.026	323.270	323.341A	5
6	322.643	322.458	322.366	322.390	322.855	323.126	323.208	323.317	323.124	322.977	323.249	323.340A	6
7	322.637	322.458	322.357	322.390	322.875	323.188	323.203	323.361	323.126	323.077	323.297	323.335A	7
8	322.637	322.450	322.361	322.390	322.839	323.171	323.199	323.391	323.140	323.053	323.268	323.331A	8
9	322.627	322.443	322.348	322.391	322.828	323.192	323.195	323.325	323.133	323.040	323.245	323.321A	9
10	322.620	322.437	322.354	322.397	322.847	323.254	323.192	323.298	323.121	323.102	323.249	323.326A	10
11	322.615	322.437	322.352	322.390	322.881	323.232	323.188	323.292	323.144	323.117	323.292	323.313A	11
12	322.607	322.423	322.348	322.399	322.867	323.241	323.184	323.268	323.117	323.133	323.353	323.304A	12
13	322.602	322.416	322.354	322.400	322.885	323.217	323.175	323.281	323.120	323.162	323.288	323.304A	13
14	322.599	322.413	322.349	322.401	322.891	323.225	323.164	323.271	323.083	323.182	323.301	323.305A	14
15	322.604	322.411	322.346	322.418	322.882	323.229	323.181	323.282	323.098	323.206	323.278	323.304	15
16	322.591	322.401	322.353	322.488	322.904	323.222	323.204	323.273	323.091	323.165	323.283	323.296	16
17	322.584	322.401	322.351	322.471	322.942	323.219	323.316	323.260	323.110	323.144	323.270	323.288	17
18	322.584	322.407	322.358	322.492	322.995	323.235	323.272	323.260	323.106	323.196	323.268	323.288	18
19	322.578	322.399	322.353	322.517	323.010	323.219	323.238	323.283	323.092	323.201	323.278	323.291	19
20	322.566	322.398	322.356	322.530	323.024	323.252	323.251	323.264	323.071	323.221	323.368	323.291	20
21	322.551	322.389	322.355	322.550	323.054	323.238	323.268	323.239	323.061	323.224	323.361	323.285	21
22	322.549	322.394	322.353	322.572	323.062	323.235	323.252	323.255	323.043	323.215	323.310	323.283	22
23	322.566	322.384	322.356	322.598	323.074	323.229	323.242	323.247	323.042	323.223	323.309	323.280	23
24	322.544	322.382	322.364	322.627	323.094	323.263	323.289	323.250	323.043	323.239	323.308	323.280	24
25	322.535	322.375	322.362	322.650	323.105	323.233	323.294	323.245	323.030	323.241	323.311	323.278	25
26	322.523	322.373	322.361	322.664	323.113	323.221	323.288	323.226	323.024	323.243	323.313	323.263	26
27	322.525	322.368	322.356	322.683	323.126	323.226	323.291	323.225	322.994	323.237	323.309	323.255	27
28	322.516	322.371	322.355	322.705	323.131	323.212	323.285	323.165	322.979	323.255	323.318	323.255	28
29	322.513		322.353	322.719	323.155	323.189	323.303	323.194	323.082	323.323	323.319	323.244	29
30	322.505		322.361	322.738	323.152	323.178	323.298	323.173	323.098	323.334	323.321	323.230	30
31	322.494		322.370		323.201		323.291	323.157		323.280		323.225	31
MEAN	322.584	322.421	322.358	322.495	322.958	323.210	323.230	323.265	323.097	323.162	323.295	323.296	MEAN
MAX	322.643	322.494	322.374	322.738	323.201	323.263	323.316	323.391	323.201	323.334	323.368	323.341	MAX
MIN	322.494	322.368	322.346	322.363	322.754	323.126	323.153	323.157	322.979	322.977	323.245	323.225	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

A - MANUAL GAUGE

MEAN, 322.951
MAXIMUM DAILY, 323.391 ON AUG 8
MINIMUM DAILY, 322.346 ON MAR 15
MAXIMUM INSTANTANEOUS,
323.460 AT 17:30 CST ON AUG 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 34 N
LONG 94 17 16 W

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM

LAKE OF THE WOODS AT KEEWATIN - STATION NO. 05PE014

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	322.564	322.405	322.290	322.277	322.645	323.000	323.060	323.171	323.090	322.959	323.186	323.227	1
2	322.565	322.392	322.277	322.271	322.659	323.029	323.055	323.232	323.068	323.000	323.141	323.228	2
3	322.577	322.389	322.278	322.286	322.699	323.083	323.058	323.216	323.086	322.988	323.091	323.240	3
4	322.570	322.382	322.280	322.301	322.736	323.084	323.069	323.227	323.104	323.004	323.083	323.229	4
5	322.567	322.374	322.286	322.295	322.743	323.098	323.130	323.206	323.031	322.948	323.145	323.231	5
6	322.572	322.371	322.277	322.298	322.768	323.083	323.110	323.229	323.082	322.896	323.200	323.231	6
7	322.560	322.365	322.273	322.296	322.772	323.066	323.050	323.235	323.118	322.964	323.176	323.232	7
8	322.554	322.357	322.267	322.297	322.751	323.051	323.084	323.143	323.105	323.000	323.157	323.225	8
9	322.546	322.357	322.272	322.298	322.754	323.029	323.069	323.140	323.102	322.961	323.181	323.227	9
10	322.542	322.352	322.268	322.292	322.776	323.044	323.062	323.204	323.078	322.970	323.183	323.213	10
11	322.531	322.344	322.272	322.296	322.791	323.078	323.058	323.223	323.057	323.004	323.189	323.212	11
12	322.521	322.335	322.274	322.291	322.812	323.069	323.072	323.264	323.045	323.029	323.044	323.202	12
13	322.511	322.327	322.282	322.286	322.815	323.088	323.053	323.223	323.028	323.076	323.186	323.191	13
14	322.509	322.321	322.272	322.295	322.818	323.084	323.059	323.205	322.968	323.065	323.225	323.185	14
15	322.501	322.313	322.271	322.303	322.808	323.072	323.115	323.208	323.025	323.027	323.234	323.192	15
16	322.501	322.301	322.264	322.328	322.838	323.109	323.137	323.170	323.060	323.081	323.203	323.191	16
17	322.485	322.308	322.263	322.355	322.882	323.059	323.211	323.170	322.989	323.147	323.202	323.190	17
18	322.476	322.305	322.262	322.372	322.916	323.096	323.143	323.187	323.026	323.067	323.221	323.179	18
19	322.477	322.304	322.262	322.394	322.908	323.119	323.178	323.147	322.950	323.079	323.213	323.177	19
20	322.466	322.305	322.260	322.423	322.936	323.092	323.193	323.147	322.973	323.093	323.211	323.176	20
21	322.459	322.296	322.274	322.452	322.972	323.098	323.141	323.169	323.008	323.165	323.225	323.166	21
22	322.443	322.296	322.279	322.486	322.979	323.112	323.159	323.142	323.020	323.169	323.210	323.158	22
23	322.443	322.296	322.278	322.511	323.001	323.133	323.203	323.146	322.958	323.188	323.213	323.159	23
24	322.455	322.293	322.282	322.541	323.014	323.073	323.209	323.137	322.922	323.181	323.228	323.154	24
25	322.450	322.300	322.280	322.546	323.041	323.103	323.190	323.130	323.006	323.162	323.217	323.152	25
26	322.446	322.290	322.274	322.574	323.036	323.135	323.186	323.126	322.996	323.182	323.219	323.150	26
27	322.437	322.280	322.276	322.595	323.043	323.089	323.195	323.101	322.902	323.203	323.222	323.140	27
28	322.437	322.288	322.279	322.613	323.055	323.078	323.198	323.125	322.975	323.185	323.219	323.130	28
29	322.420		322.272	322.629	323.067	323.043	323.178	323.116	323.031	323.195	323.223	323.129	29
30	322.414		322.268	322.642	323.059	323.056	323.196	323.099	322.991	323.206	323.226	323.120	30
31	322.410		322.285		323.049		323.215	323.123		323.200		323.108	31
MEAN	322.497	322.330	322.274	322.395	322.876	323.078	323.130	323.173	323.026	323.077	323.189	323.185	MEAN
MAX	322.577	322.405	322.290	322.642	323.067	323.135	323.215	323.264	323.118	323.206	323.234	323.240	MAX
MIN	322.410	322.280	322.260	322.271	322.645	323.000	323.050	323.099	322.902	322.896	323.044	323.108	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 322.856
MAXIMUM DAILY, 323.264 ON AUG 12
MINIMUM DAILY, 322.260 ON MAR 20
MAXIMUM INSTANTANEOUS,
323.282 AT 16:40 CST ON AUG 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 50 N
LONG 94 33 15 W

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -000.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

LAKE OF THE WOODS AT WARROAD - STATION NO. 05PD001

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	322.692	322.585	322.402	322.408	322.789	323.189	323.204	323.384	323.204	323.112	323.307	323.378	1
2	322.698	322.533	322.408	322.427	322.795	323.225	323.201	323.359	323.182	323.061	323.329	323.390	2
3	322.686	322.530	322.408	322.414	322.789	323.170	323.219	323.344	323.192	323.076	323.356	323.378	3
4	322.692	322.521	322.399	322.420	322.808	323.173	323.204	323.332	323.161	323.051	323.387	323.390	4
5	322.683	322.518	322.396	322.417	322.826	323.176	323.228	323.356	323.262	323.131	323.320	323.381	5
6	322.673	322.512	322.393	322.417	322.783	323.219	323.219	323.365	323.195	323.292	323.292	323.378	6
7	322.680	322.500	322.399	322.417	322.795	323.173	323.186	323.320	323.143	323.149	323.265	323.378	7
8	322.667	322.497	322.396	322.414	322.884	323.246	323.182	323.335	323.115	323.149	323.314	323.375	8
9	322.658	322.491	322.402	322.417	322.926	323.280	323.240	323.378	323.143	323.262	323.326	323.378	9
10	322.646	322.488	322.396	322.411	322.920	323.207	323.216	323.350	323.173	323.234	323.323	323.356	10
11	322.652	322.475	322.396	322.424	322.911	323.238	323.198	323.326	323.155	323.216	323.304	323.356	11
12	322.655	322.475	322.399	322.430	322.936	323.231	323.192	323.295	323.182	323.201	323.368	323.362	12
13	322.652	322.469	322.375	322.445	322.951	323.253	323.222	323.298	323.176	323.158	323.311	323.356	13
14	322.646	322.469	322.396	322.494	322.972	323.271	323.231	323.311	323.271	323.186	323.256	323.353	14
15	322.628	322.454	322.399	322.518	323.033	323.289	323.246	323.277	323.152	323.219	323.271	323.347	15
16	322.625	322.463	322.393	322.561	323.036	323.253	323.256	323.307	323.091	323.228	323.311	323.350	16
17	322.631	322.457	322.393	322.506	323.024	323.320	323.112	323.298	323.128	323.228	323.347	323.347	17
18	322.625	322.439	322.393	322.533	323.030	323.265	323.231	323.286	323.067	323.292	323.338	323.332	18
19	322.609	322.439	322.399	322.549	323.103	323.268	323.265	323.295	323.140	323.295	323.347	323.329	19
20	322.613	322.427	322.396	322.558	323.122	323.262	323.262	323.286	323.122	323.277	323.274	323.329	20
21	322.609	322.433	322.381	322.576	323.112	323.280	323.314	323.271	323.079	323.228	323.265	323.332	21
22	322.609	322.420	322.387	322.594	323.134	323.280	323.317	323.289	323.070	323.262	323.344	323.332	22
23	322.597	322.424	322.390	322.619	323.137	323.262	323.289	323.277	323.128	323.262	323.344	323.323	23
24	322.594	322.420	322.384	322.643	323.137	323.265	323.298	323.253	323.140	323.271	323.350	323.317	24
25	322.588	322.414	322.393	322.677	323.146	323.265	323.307	323.237	323.048	323.307	323.353	323.311	25
26	322.591	322.414	322.396	322.695	323.170	323.219	323.320	323.237	323.048	323.301	323.356	323.311	26
27	322.573	322.420	322.399	322.713	323.176	323.234	323.304	323.219	323.189	323.301	323.365	323.295	27
28	322.558	322.411	322.396	322.731	323.192	323.231	323.301	323.231	323.173	323.311	323.365	323.283	28
29	322.564		322.402	322.744	323.164	323.265	323.314	323.207	323.024	323.231	323.365	323.277	29
30	322.555		322.405	322.759	323.195	323.216	323.307	323.204	323.024	323.210	323.375	323.274	30
31	322.555		322.390		323.167		323.295	323.204		323.265		323.268	31
MEAN	322.629	322.466	322.396	322.531	323.005	323.241	323.248	323.295	323.139	323.218	323.328	323.341	MEAN
MAX	322.698	322.545	322.408	322.759	323.195	323.320	323.320	323.384	323.271	323.311	323.387	323.390	MAX
MIN	322.555	322.411	322.375	322.408	322.783	323.170	323.112	323.204	323.024	323.051	323.256	323.268	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 322.990
MAXIMUM DAILY, 323.390 ON DEC 2
MINIMUM DAILY, 322.375 ON MAR 13
MAXIMUM INSTANTANEOUS,
323.506 AT 21:30 CST ON AUG 8

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 54 20 N
LONG 95 19 00 W

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM

REMARKS - RUNOFF CONDITIONS OF THE WARROAD RIVER CAN AFFECT WATER LEVELS AT THIS STATION

LAKE OF THE WOODS EASTERN OUTLET AT KENORA POWERHOUSE - STATION NO. 05PE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	133	118	117	60.9	54.0	134	134	128	127	113	112	124	1
2	133	118	116	60.9	44.6	134	134	129	127	113	113	123	2
3	133	118	116	60.8	55.2	128	133	128	115	113	113	138	3
4	143	124	116	60.9	64.5	128	134	128	113	113	113	137	4
5	135	126	106	59.5	66.1	128	136	127	113	113	114	137	5
6	142	126	107	59.1	73.3	127	137	127	113	112	115	127	6
7	133	126	106	59.1	68.7	127	137	128	114	117	114	136	7
8	130	126	106	59.1	67.6	127	138	127	114	125	115	136	8
9	133	125	107	59.1	67.5	126	125	126	114	124	115	136	9
10	133	124	107	59.1	51.8	127	125	127	114	106	115	136	10
11	129	124	107	48.2	47.5	127	123	127	113	123	116	136	11
12	129	124	85.2	55.7	47.6	127	125	128	113	126	114	136	12
13	129	124	85.4	67.7	47.6	127	125	127	113	127	116	135	13
14	129	124	85.7	69.5	47.7	123	135	127	97.5	127	116	135	14
15	121	126	85.9	69.5	47.7	123	130	127	116	126	116	135	15
16	121	127	85.9	69.5	47.8	123	128	127	119	126	116	135	16
17	121	127	87.5	69.7	47.9	123	129	127	121	126	116	135	17
18	120	114	87.3	69.8	55.4	123	129	127	121	117	101	135	18
19	119	115	65.4	63.2	55.9	123	129	126	120	116	116	135	19
20	119	115	65.3	62.0	56.1	123	131	126	121	116	116	135	20
21	119	115	65.3	62.2	127	119	131	128	121	116	116	135	21
22	119	116	61.1	60.6	137	119	129	128	121	117	116	147	22
23	119	117	60.7	60.0	137	130	129	128	121	116	116	141	23
24	119	117	60.7	60.1	137	134	129	128	112	116	116	147	24
25	119	117	60.8	59.2	85.0	135	127	128	113	117	126	148	25
26	119	117	60.8	56.7	133	136	127	128	113	116	125	148	26
27	119	117	60.9	59.5	137	134	127	128	112	106	125	147	27
28	119	117	61.0	54.1	137	134	127	128	113	104	125	147	28
29	118		61.0	54.0	137	134	127	128	113	117	119	147	29
30	118		61.0	54.0	138	134	128	96.8	113	124	122	147	30
31	118		60.9		137		127	124		124		147	31
TOTAL	3 891	3 384	2 618.8	1 823.7	2 556.5	3 837	4 025	3 916.8	3 470.5	3 652	3 488	4 283	TOTAL
MEAN	126	121	84.5	60.8	82.5	128	130	126	116	118	116	138	MEAN
MAX	143	127	117	69.8	138	136	138	129	127	127	126	148	MAX
MIN	118	114	60.7	48.2	44.6	119	123	96.8	97.5	104	101	123	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 112
MAXIMUM DAILY, 148 ON DEC 25
MINIMUM DAILY, 44.6 ON MAY 2

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 46 20 N
LONG 94 30 10 W

REGULATED SINCE 1907

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	336 000	JUL	348 000
FEB	292 000	AUG	338 000
MAR	226 000	SEP	300 000
APR	158 000	OCT	316 000
MAY	221 000	NOV	301 000
JUN	332 000	DEC	370 000

TOTAL DISCHARGE, 3 540 000 dam³

REMARKS - THIS STATION IS ONE OF FOUR OUTLETS FROM LAKE OF THE WOODS

LAKE OF THE WOODS OUTLET AT MINK CREEK - STATION NO. 05PE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.38	3.20	3.10	3.09	3.43	3.71	3.76	3.84	3.78	3.69	3.84	3.87	1
2	3.36	3.19	3.09	3.08	3.43	3.74	3.76	3.88	3.76	3.72	3.82	3.88	2
3	3.35	3.19	3.09	3.09	3.49	3.77	3.76	3.86	3.77	3.70	3.78	3.88	3
4	3.35	3.18	3.09	3.10	3.50	3.78	3.77	3.87	3.79	3.72	3.77	3.88	4
5	3.34	3.19	3.10	3.10	3.51	3.78	3.81	3.86	3.74	3.68	3.82	3.88	5
6	3.35	3.19	3.09	3.10	3.53	3.78	3.80	3.87	3.77	3.64	3.86	3.88	6
7	3.33	3.19	3.08	3.10	3.57	3.76	3.75	3.88	3.79	3.69	3.84	3.88	7
8	3.33	3.15	3.08	3.11	3.57	3.75	3.77	3.82	3.79	3.72	3.84	3.87	8
9	3.33	3.16	3.08	3.11	3.57	3.74	3.77	3.82	3.77	3.69	3.84	3.88	9
10	3.33	3.15	3.08	3.10	3.49	3.75	4.00	3.86	3.77	3.69	3.84	3.86	10
11	3.31	3.15	3.08	3.10	3.55	3.77	3.76	3.87	3.75	3.72	3.85	3.86	11
12	3.31	3.14	3.08	3.10	3.57	3.76	3.77	3.90	3.74	3.73	3.75	3.86	12
13	3.30	3.13	3.09	3.10	3.57	3.77	3.75	3.94	3.73	3.77	3.84	3.85	13
14	3.30	3.12	3.08	3.10	3.57	3.77	3.76	3.86	3.69	3.76	3.87	3.85	14
15	3.29	3.12	3.08	3.11	3.56	3.77	3.79	3.86	3.73	3.73	3.88	3.85	15
16	3.29	3.11	3.07	3.13	3.59	3.79	3.81	3.84	3.76	3.77	3.86	3.85	16
17	3.28	3.11	3.07	3.16	3.62	3.75	3.86	3.84	3.71	3.82	3.86	3.85	17
18	3.27	3.11	3.07	3.17	3.65	3.78	3.82	3.84	3.73	3.76	3.87	3.84	18
19	3.27	3.11	3.07	3.19	3.64	3.79	3.84	3.82	3.67	3.77	3.86	3.84	19
20	3.26	3.11	3.06	3.22	3.66	3.78	3.85	3.82	3.69	3.78	3.86	3.84	20
21	3.25	3.10	3.08	3.24	3.69	3.78	3.82	3.83	3.72	3.84	3.87	3.83	21
22	3.25	3.10	3.09	3.28	3.70	3.79	3.83	3.81	3.73	3.83	3.86	3.83	22
23	3.24	3.10	3.08	3.30	3.71	3.81	3.86	3.82	3.68	3.84	3.87	3.83	23
24	3.24	3.10	3.08	3.33	3.72	3.77	3.86	3.81	3.65	3.84	3.88	3.83	24
25	3.24	3.10	3.09	3.33	3.74	3.79	3.85	3.80	3.72	3.83	3.87	3.83	25
26	3.24	3.10	3.08	3.35	3.74	3.81	3.85	3.80	3.71	3.84	3.87	3.82	26
27	3.24	3.09	3.08	3.37	3.75	3.77	3.85	3.78	3.64	3.86	3.87	3.82	27
28	3.24	3.09	3.09	3.39	3.75	3.77	3.85	3.80	3.70	3.84	3.87	3.81	28
29	3.22		3.08	3.41	3.76	3.75	3.84	3.80	3.74	3.85	3.87	3.81	29
30	3.21		3.07	3.43	3.75	3.75	3.85	3.78	3.71	3.85	3.87	3.80	30
31	3.21		3.09		3.75		3.87	3.80		3.85		3.79	31
TOTAL	101.87	87.78	95.54	95.79	112.13	113.08	118.29	118.98	111.93	116.82	115.45	119.25	TOTAL
MEAN	3.29	3.14	3.08	3.19	3.62	3.77	3.82	3.84	3.73	3.77	3.85	3.85	MEAN
MAX	3.36	3.20	3.10	3.43	3.76	3.81	4.00	3.94	3.79	3.86	3.88	3.88	MAX
MIN	3.21	3.09	3.06	3.08	3.43	3.71	3.75	3.78	3.64	3.64	3.75	3.79	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.58
MAXIMUM DAILY, 4.00 ON JUL 10
MINIMUM DAILY, 3.06 ON MAR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 44 N
LONG 94 33 36 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 800	JUL	10 200
FEB	7 580	AUG	10 300
MAR	8 250	SEP	9 670
APR	8 280	OCT	10 100
MAY	9 690	NOV	9 970
JUN	9 770	DEC	10 300

TOTAL DISCHARGE, 113 000 dam³

REGULATED

REMARKS - THIS IS ONE OF FOUR OUTLETS FROM LAKE OF THE WOODS

LAKE OF THE WOODS WESTERN OUTLET AT NORMAN DAM AND POWERHOUSE - STATION NO. 05PE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	250	383	245	220	226	569	516	318	272	232	454	501	1
2	249	380	244	219	183	577	515	320	272	232	446	505	2
3	250	380	245	219	212	591	514	378	240	232	449	641	3
4	250	380	245	220	227	595	523	387	233	233	456	636	4
5	262	379	228	220	227	591	435	392	233	231	460	632	5
6	282	379	228	220	228	585	420	394	233	231	464	633	6
7	293	376	228	220	227	580	415	394	233	252	459	636	7
8	321	379	229	220	227	580	418	383	233	266	460	635	8
9	322	379	229	219	227	574	416	389	234	264	463	635	9
10	322	382	229	219	223	581	416	394	273	265	457	635	10
11	341	379	228	178	228	585	416	394	276	265	453	630	11
12	362	379	229	204	229	585	416	397	275	271	447	630	12
13	384	379	229	220	229	585	416	391	275	274	457	630	13
14	381	376	229	220	229	582	417	389	274	273	461	630	14
15	381	377	224	219	229	582	301	391	277	347	461	630	15
16	381	378	224	219	230	588	272	389	277	358	458	630	16
17	381	378	224	220	217	582	276	394	274	363	461	630	17
18	385	378	224	220	223	587	274	395	276	351	458	630	18
19	386	319	223	221	226	588	270	391	273	352	457	630	19
20	386	308	223	222	228	588	263	328	277	354	457	630	20
21	386	309	224	222	327	586	260	324	274	359	457	623	21
22	380	266	220	223	358	586	272	323	276	357	457	634	22
23	380	245	219	223	359	550	271	324	272	359	457	630	23
24	380	245	219	224	359	514	269	325	259	358	457	630	24
25	383	246	219	222	298	524	269	323	239	444	486	630	25
26	384	245	219	205	348	529	269	320	238	456	499	630	26
27	387	245	220	226	363	520	308	275	231	459	501	623	27
28	387	245	220	226	363	516	313	274	233	467	501	623	28
29	383		220	226	365	516	310	272	234	467	501	625	29
30	383		220	226	363	516	319	273	233	462	501	626	30
31	383		220		505		318	274		458		619	31
TOTAL	10 785	9 494	7 027	6 562	8 483	17 032	11 087	10 915	7 699	10 292	13 955	19 282	TOTAL
MEAN	348	339	227	219	274	568	358	352	257	332	465	622	MEAN
MAX	387	383	245	226	505	595	523	397	277	467	501	641	MAX
MIN	249	245	219	178	183	514	260	272	231	231	446	501	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 363
MAXIMUM DAILY, 641 ON DEC 3
MINIMUM DAILY, 178 ON APR 11

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 46 15 N
LONG 94 31 25 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	932 000	JUL	958 000
FEB	820 000	AUG	943 000
MAR	607 000	SEP	665 000
APR	567 000	OCT	889 000
MAY	733 000	NOV	1 210 000
JUN	1 470 000	DEC	1 670 000

TOTAL DISCHARGE, 11 500 000 dam³

REGULATED

REMARKS - THIS STATION IS ONE OF FOUR OUTLETS FROM LAKE OF THE WOODS

LAKE ONTARIO AT BURLINGTON - STATION NO. 02HB017

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.43	74.51	74.47	74.65	74.91	74.94	75.02	74.84	74.69	74.58	74.42	74.45	1
2	74.52	74.57	74.44	74.73	74.91	74.94	75.01	74.86	74.69	74.60	74.48	74.46	2
3	74.47	74.56	74.47	74.71	74.92	74.95	75.02	74.86	74.65	74.57	74.43	74.45	3
4	74.43	74.54	74.53	74.63	74.93	74.96	75.01	74.87	74.66	74.57	74.44	74.44	4
5	74.42	74.57	74.42	74.79	74.94	74.97	75.02	74.86	74.67	74.56	74.40	74.47	5
6	74.49	74.48	74.48	74.76	74.94	74.99	75.01	74.86	74.67	74.57	74.38	74.43	6
7	74.44	74.43	74.44	74.74	74.93	74.98	75.00	74.85	74.68	74.57	74.44	74.42	7
8	74.42	74.49	74.44	74.76	74.92	75.00	74.98	74.84	74.64	74.56	74.43	74.46	8
9	74.45	74.51	74.47	74.78	74.93	75.00	74.97	74.81	74.64	74.57	74.45	74.46	9
10	74.34	74.46	74.49	74.77	74.93	75.02	74.99	74.77	74.64	74.60	74.47	74.44	10
11	74.39	74.47	74.47	74.79	74.95	75.00	74.99	74.78	74.63	74.57	74.45	74.42	11
12	74.53	74.52	74.49	74.82	74.94	75.02	74.96	74.78	74.63	74.55	74.44	74.43	12
13	74.54	74.51	74.45	74.78	74.93	75.01	74.95	74.77	74.63	74.58	74.43	74.42	13
14	74.50	74.53	74.44	74.81	74.94	75.01	74.96	74.75	74.62	74.50	74.47	74.42	14
15	74.51	74.50	74.53	74.84	74.93	75.03	74.95	74.76	74.62	74.47	74.41	74.43	15
16	74.40	74.53	74.60	74.85	74.91	74.99	74.95	74.74	74.60	74.47	74.44	74.41	16
17	74.39	74.67	74.50	74.83	74.92	75.01	74.93	74.72	74.62	74.48	74.45	74.45	17
18	74.51	74.58	74.55	74.80	74.93	75.02	74.92	74.73	74.58	74.49	74.46	74.47	18
19	74.54	74.51	74.56	74.87	74.92	75.00	74.91	74.72	74.61	74.48	74.47	74.43	19
20	74.51	74.53	74.58	74.87	74.91	75.00	74.92	74.72	74.58	74.45	74.47	74.43	20
21	74.56	74.53	74.54	74.83	74.93	75.00	74.92	74.70	74.58	74.42	74.45	74.42	21
22	74.58	74.50	74.56	74.86	74.94	75.02	74.90	74.70	74.58	74.46	74.47	74.46	22
23	74.54	74.50	74.60	74.87	74.95	74.99	74.90	74.70	74.58	74.44	74.44	74.47	23
24	74.41	74.55	74.63	74.90	74.93	75.00	74.90	74.71	74.60	74.45	74.38	74.45	24
25	74.52	74.47	74.62	74.93	74.93	75.00	74.87	74.71	74.60	74.45	74.39	74.46	25
26	74.52	74.45	74.57	74.93	74.93	75.01	74.86	74.73	74.61	74.44	74.41	74.44	26
27	74.55	74.48	74.58	74.91	74.94	75.01	74.88	74.71	74.60	74.44	74.43	74.50	27
28	74.47	74.51	74.63	74.93	74.95	75.01	74.86	74.69	74.61	74.44	74.45	74.44	28
29	74.48		74.66	74.93	74.95	75.01	74.86	74.70	74.61	74.43	74.41	74.43	29
30	74.53		74.69	74.92	74.94	75.01	74.87	74.71	74.61	74.42	74.45	74.46	30
31	74.71		74.65		74.94		74.84	74.70		74.42		74.50	31
MEAN	74.49	74.52	74.53	74.82	74.93	75.00	74.94	74.76	74.62	74.50	74.44	74.45	MEAN
MAX	74.71	74.67	74.69	74.93	74.95	75.03	75.02	74.87	74.69	74.60	74.47	74.50	MAX
MIN	74.34	74.43	74.42	74.63	74.91	74.94	74.84	74.69	74.58	74.42	74.38	74.41	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 74.67
MAXIMUM DAILY, 75.03 ON JUN 15
MINIMUM DAILY, 74.34 ON JAN 10
MAXIMUM INSTANTANEOUS,
75.09 AT 19:45 EST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 17 59 N
LONG 79 47 34 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 13150 BURLINGTON, ONT

LAKE ONTARIO AT COBOURG - STATION NO. 02HD015

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.44	74.49	74.43	74.64	74.88	74.89	74.96	74.79	74.67	74.53	74.37	74.39	1
2	74.43	74.50	74.39	74.65	74.88	74.89	74.95	74.79	74.67	74.52	74.40	74.40	2
3	74.44	74.50	74.40	74.71	74.88	74.89	74.95	74.80	74.64	74.52	74.40	74.41	3
4	74.47	74.50	74.43	74.65	74.88	74.90	74.96	74.80	74.61	74.51	74.42	74.41	4
5	74.38	74.50	74.42	74.69	74.88	74.91	74.96	74.80	74.62	74.50	74.40	74.43	5
6	74.42	74.49	74.42	74.72	74.89	74.94	74.94	74.79	74.62	74.50	74.35	74.42	6
7	74.43	74.48	74.41	74.71	74.87	74.94	74.95	74.78	74.63	74.51	74.37	74.38	7
8	74.44	74.48	74.40	74.72	74.89	74.95	74.93	74.78	74.62	74.51	74.39	74.39	8
9	74.41	74.45	74.42	74.73	74.89	74.94	74.92	74.77	74.61	74.51	74.41	74.39	9
10	74.39	74.46	74.43	74.73	74.89	74.95	74.91	74.73	74.59	74.51	74.42	74.41	10
11	74.36	74.46	74.43	74.74	74.88	74.96	74.93	74.71	74.59	74.52	74.42	74.37	11
12	74.44	74.45	74.43	74.75	74.88	74.95	74.92	74.71	74.59	74.49	74.42	74.37	12
13	74.49	74.47	74.43	74.77	74.88	74.96	74.91	74.71	74.58	74.47	74.39	74.39	13
14	74.50	74.48	74.41	74.76	74.88	74.96	74.90	74.71	74.58	74.46	74.41	74.38	14
15	74.48	74.48	74.43	74.77	74.88	74.95	74.90	74.70	74.59	74.42	74.38	74.37	15
16	74.44	74.47	74.48	74.78	74.87	74.94	74.89	74.70	74.57	74.41	74.39	74.40	16
17	74.42	74.48	74.50	74.79	74.87	74.95	74.89	74.69	74.56	74.42	74.40	74.40	17
18	74.46	74.49	74.50	74.76	74.86	74.94	74.89	74.68	74.53	74.43	74.41	74.43	18
19	74.49	74.47	74.51	74.77	74.87	74.95	74.87	74.68	74.52	74.44	74.41	74.44	19
20	74.50	74.46	74.51	74.82	74.87	74.93	74.87	74.66	74.53	74.42	74.41	74.41	20
21	74.49	74.46	74.53	74.82	74.87	74.94	74.87	74.67	74.53	74.39	74.41	74.39	21
22	74.49	74.46	74.52	74.82	74.88	74.95	74.86	74.66	74.54	74.40	74.41	74.39	22
23	74.53	74.44	74.54	74.83	74.89	74.95	74.85	74.66	74.54	74.39	74.41	74.41	23
24	74.44	74.44	74.56	74.85	74.89	74.95	74.85	74.67	74.53	74.41	74.37	74.41	24
25	74.45	74.42	74.58	74.87	74.88	74.95	74.84	74.71	74.54	74.40	74.35	74.43	25
26	74.45	74.41	74.57	74.88	74.87	74.96	74.82	74.69	74.54	74.40	74.36	74.41	26
27	74.49	74.40	74.55	74.89	74.87	74.96	74.80	74.67	74.56	74.39	74.36	74.43	27
28	74.48	74.42	74.58	74.88	74.89	74.96	74.82	74.66	74.55	74.38	74.39	74.45	28
29	74.43		74.59	74.88	74.89	74.96	74.81	74.64	74.55	74.38	74.40	74.40	29
30	74.46		74.63	74.88	74.89	74.97	74.81	74.64	74.54	74.36	74.38	74.41	30
31	74.49		74.64		74.89		74.80	74.65		74.36		74.44	31
MEAN	74.45	74.46	74.49	74.78	74.88	74.94	74.89	74.71	74.58	74.45	74.39	74.41	MEAN
MAX	74.53	74.50	74.64	74.89	74.89	74.97	74.96	74.80	74.67	74.53	74.42	74.45	MAX
MIN	74.36	74.40	74.39	74.64	74.86	74.89	74.80	74.64	74.52	74.36	74.35	74.37	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 74.63
MAXIMUM DAILY, 74.97 ON JUN 30
MINIMUM DAILY, 74.35 ON NOV 6
MAXIMUM INSTANTANEOUS,
75.03 AT 21:45 EST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 28 N
LONG 78 09 54 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 13590 COBOURG, ONT

LAKE ONTARIO AT KINGSTON - STATION NO. 02HM008

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.47	74.49	74.38	74.64	74.85	74.84	74.93	74.77	74.61	74.48	74.30	74.36	1
2	74.35	74.43	74.39	74.61	74.84	74.86	74.93	74.74	74.63	74.46	74.33	74.34	2
3	74.38	74.44	74.36	74.69	74.84	74.84	74.91	74.75	74.65	74.47	74.35	74.37	3
4	74.44	74.46	74.38	74.75	74.83	74.83	74.91	74.76	74.63	74.45	74.37	74.37	4
5	74.44	74.43	74.42	74.69	74.82	74.82	74.90	74.74	74.62	74.44	74.44	74.35	5
6	74.42	74.49	74.36	74.65	74.81	74.85	74.90	74.73	74.59	74.44	74.44	74.40	6
7	74.41	74.52	74.39	74.68	74.82	74.88	74.90	74.72	74.56	74.43	74.40	74.38	7
8	74.42	74.47	74.38	74.70	74.84	74.88	74.90	74.72	74.57	74.45	74.40	74.36	8
9	74.42	74.44	74.36	74.72	74.84	74.88	74.90	74.73	74.57	74.39	74.36	74.33	9
10	74.51	74.48	74.36	74.73	74.84	74.88	74.87	74.72	74.56	74.39	74.35	74.43	10
11	74.52	74.46	74.37	74.72	74.83	74.90	74.88	74.71	74.54	74.44	74.41	74.36	11
12	74.41	74.43	74.37	74.71	74.83	74.89	74.90	74.70	74.53	74.44	74.43	74.33	12
13	74.39	74.43	74.40	74.77	74.82	74.89	74.88	74.70	74.53	74.42	74.38	74.36	13
14	74.41	74.41	74.43	74.74	74.82	74.90	74.87	74.70	74.52	74.44	74.37	74.36	14
15	74.44	74.44	74.39	74.72	74.82	74.89	74.86	74.69	74.50	74.44	74.39	74.34	15
16	74.51	74.40	74.36	74.73	74.82	74.92	74.85	74.69	74.53	74.42	74.39	74.38	16
17	74.46	74.35	74.42	74.76	74.81	74.91	74.85	74.68	74.50	74.42	74.36	74.31	17
18	74.46	74.37	74.44	74.78	74.80	74.89	74.86	74.67	74.53	74.42	74.33	74.32	18
19	74.42	74.42	74.46	74.75	74.81	74.91	74.85	74.68	74.49	74.41	74.35	74.37	19
20	74.43	74.39	74.45	74.77	74.83	74.91	74.83	74.66	74.50	74.44	74.37	74.35	20
21	74.38	74.39	74.49	74.83	74.80	74.92	74.83	74.65	74.49	74.42	74.37	74.35	21
22	74.37	74.41	74.51	74.82	74.79	74.91	74.83	74.65	74.48	74.39	74.32	74.33	22
23	74.48	74.40	74.50	74.84	74.79	74.93	74.81	74.67	74.50	74.38	74.34	74.32	23
24	74.50	74.37	74.51	74.82	74.81	74.92	74.80	74.63	74.49	74.36	74.37	74.37	24
25	74.44	74.40	74.52	74.82	74.82	74.92	74.81	74.65	74.49	74.36	74.39	74.39	25
26	74.44	74.40	74.59	74.82	74.81	74.92	74.80	74.68	74.48	74.34	74.37	74.40	26
27	74.42	74.39	74.59	74.83	74.79	74.91	74.78	74.69	74.49	74.34	74.33	74.38	27
28	74.48	74.36	74.58	74.83	74.80	74.91	74.78	74.66	74.49	74.33	74.35	74.46	28
29	74.45		74.57	74.83	74.82	74.92	74.78	74.67	74.48	74.33	74.38	74.45	29
30	74.44		74.55	74.85	74.82	74.93	74.77	74.66	74.49	74.33	74.35	74.43	30
31	74.35		74.62		74.83		74.79	74.63		74.32		74.42	31
MEAN	74.43	74.42	74.45	74.75	74.82	74.89	74.85	74.69	74.53	74.41	74.37	74.37	MEAN
MAX	74.52	74.52	74.62	74.85	74.85	74.93	74.93	74.77	74.65	74.48	74.44	74.46	MAX
MIN	74.35	74.35	74.34	74.61	74.79	74.82	74.77	74.63	74.48	74.32	74.30	74.31	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 74.58
MAXIMUM DAILY, 74.93 ON JUN 23
MINIMUM DAILY, 74.30 ON NOV 1
MAXIMUM INSTANTANEOUS,
75.04 AT 23:45 EST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 13 03 N
LONG 76 31 03 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 13988 KINGSTON, ONT

LAKE ONTARIO AT PORT WELLER - STATION NO. 02HA018

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.41	74.46	74.43	74.62	74.85	74.88	74.97	74.79	74.66	74.59	74.38	74.40	1
2	74.47	74.52	74.41	74.68	74.85	74.89	74.97	74.81	74.64	74.59	74.39	74.41	2
3	74.47	74.51	74.42	74.70	74.85	74.90	74.97	74.80	74.61	74.58	74.38	74.41	3
4	74.42	74.50	74.46	74.64	74.86	74.90	74.96	74.78	74.62	74.54	74.39	74.41	4
5	74.41	74.52	74.39	74.73	74.87	74.91	74.96	74.77	74.63	74.51	74.38	74.43	5
6	74.45	74.46	74.44	74.74	74.87	74.92	74.95	74.79	74.63	74.50	74.36	74.40	6
7	74.42	74.42	74.40	74.70	74.86	74.93	74.95	74.78	74.62	74.51	74.40	74.39	7
8	74.41	74.46	74.41	74.71	74.86	74.94	74.93	74.78	74.60	74.50	74.38	74.41	8
9	74.43	74.48	74.43	74.72	74.86	74.95	74.93	74.76	74.59	74.52	74.40	74.41	9
10	74.37	74.44	74.44	74.72	74.87	74.96	74.94	74.75	74.58	74.53	74.42	74.39	10
11	74.40	74.45	74.43	74.74	74.88	74.95	74.93	74.72	74.59	74.52	74.40	74.38	11
12	74.48	74.48	74.43	74.75	74.87	74.96	74.91	74.71	74.58	74.50	74.39	74.39	12
13	74.50	74.47	74.42	74.74	74.87	74.96	74.91	74.69	74.58	74.49	74.39	74.38	13
14	74.49	74.48	74.41	74.75	74.87	74.95	74.91	74.65	74.58	74.46	74.41	74.36	14
15	74.46	74.46	74.47	74.77	74.86	74.96	74.90	74.65	74.58	74.45	74.37	74.38	15
16	74.41	74.48	74.52	74.77	74.85	74.95	74.89	74.66	74.55	74.45	74.39	74.38	16
17	74.41	74.51	74.50	74.76	74.85	74.95	74.85	74.67	74.57	74.44	74.40	74.41	17
18	74.47	74.49	74.51	74.75	74.86	74.96	74.89	74.67	74.58	74.44	74.41	74.43	18
19	74.51	74.46	74.51	74.80	74.85	74.94	74.89	74.68	74.55	74.44	74.41	74.42	19
20	74.48	74.48	74.54	74.80	74.85	74.95	74.89	74.69	74.54	74.41	74.41	74.40	20
21	74.51	74.48	74.53	74.79	74.86	74.95	74.87	74.67	74.54	74.40	74.40	74.39	21
22	74.53	74.46	74.53	74.81	74.88	74.96	74.86	74.66	74.54	74.42	74.40	74.41	22
23	74.48	74.45	74.56	74.81	74.89	74.94	74.86	74.65	74.53	74.40	74.40	74.43	23
24	74.42	74.47	74.57	74.84	74.87	74.95	74.85	74.65	74.55	74.40	74.37	74.42	24
25	74.49	74.43	74.58	74.86	74.87	74.95	74.83	74.69	74.54	74.39	74.36	74.42	25
26	74.48	74.42	74.56	74.86	74.86	74.96	74.83	74.69	74.55	74.38	74.37	74.40	26
27	74.50	74.43	74.58	74.86	74.87	74.96	74.84	74.68	74.56	74.39	74.39	74.45	27
28	74.44	74.45	74.60	74.86	74.90	74.96	74.81	74.66	74.56	74.39	74.40	74.42	28
29	74.44		74.62	74.86	74.89	74.96	74.82	74.65	74.56	74.38	74.37	74.41	29
30	74.48		74.65	74.85	74.88	74.96	74.83	74.65	74.56	74.37	74.40	74.43	30
31	74.54		74.63		74.88		74.80	74.65		74.37		74.45	31
MEAN	74.46	74.47	74.50	74.77	74.87	74.94	74.89	74.71	74.58	74.46	74.39	74.41	MEAN
MAX	74.54	74.52	74.65	74.86	74.90	74.96	74.97	74.81	74.66	74.59	74.42	74.45	MAX
MIN	74.37	74.42	74.39	74.62	74.85	74.88	74.80	74.65	74.53	74.37	74.36	74.36	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 74.62
MAXIMUM DAILY, 74.97 ON JUL 1
MINIMUM DAILY, 74.36 ON NOV 6
MAXIMUM INSTANTANEOUS,
75.01 AT 18:00 EST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 14 12 N
LONG 79 13 12 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 13030 PORT WELLER, ONT

LAKE ONTARIO AT TORONTO - STATION NO. 02HC048

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.42	74.46	74.44	74.59	74.88	74.89	74.97	74.79	74.68	74.54	74.38	74.43	1
2	74.47	74.54	74.39	74.68	74.88	74.90	74.96	74.81	74.65	74.55	74.42	74.43	2
3	74.49	74.51	74.42	74.74	74.87	74.89	74.96	74.81	74.61	74.54	74.40	74.41	3
4	74.44	74.47	74.47	74.62	74.88	74.90	74.97	74.82	74.63	74.53	74.38	74.40	4
5	74.40	74.50	74.38	74.74	74.89	74.92	74.96	74.81	74.64	74.52	74.38	74.45	5
6	74.44	74.46	74.43	74.73	74.88	74.94	74.96	74.81	74.61	74.51	74.36	74.41	6
7	74.40	74.44	74.39	74.70	74.87	74.96	74.95	74.79	74.64	74.54	74.41	74.39	7
8	74.40	74.46	74.40	74.72	74.88	74.94	74.94	74.79	74.62	74.52	74.38	74.41	8
9	74.41	74.48	74.43	74.73	74.87	74.95	74.93	74.77	74.61	74.54	74.40	74.41	9
10	74.40	74.44	74.45	74.73	74.88	74.97	74.94	74.76	74.61	74.56	74.43	74.42	10
11	74.39	74.45	74.43	74.74	74.89	74.95	74.94	74.73	74.59	74.53	74.43	74.40	11
12	74.48	74.48	74.42	74.76	74.91	74.97	74.92	74.73	74.60	74.51	74.42	74.39	12
13	74.52	74.47	74.44	74.76	74.88	74.98	74.92	74.72	74.59	74.51	74.41	74.40	13
14	74.50	74.49	74.40	74.77	74.88	74.96	74.91	74.72	74.59	74.45	74.43	74.40	14
15	74.50	74.47	74.46	74.80	74.89	74.98	74.91	74.70	74.61	74.43	74.39	74.42	15
16	74.44	74.47	74.52	74.80	74.87	74.96	74.91	74.70	74.57	74.43	74.41	74.38	16
17	74.42	74.52	74.47	74.79	74.88	74.96	74.90	74.67	74.58	74.43	74.42	74.41	17
18	74.47	74.50	74.50	74.74	74.88	74.96	74.89	74.69	74.55	74.44	74.43	74.46	18
19	74.51	74.46	74.51	74.79	74.87	74.96	74.89	74.69	74.56	74.44	74.44	74.42	19
20	74.47	74.49	74.56	74.84	74.88	74.95	74.88	74.69	74.55	74.45	74.42	74.41	20
21	74.51	74.49	74.53	74.79	74.87	74.95	74.87	74.66	74.53	74.39	74.42	74.40	21
22	74.56	74.46	74.53	74.83	74.88	74.97	74.86	74.67	74.55	74.43	74.41	74.42	22
23	74.53	74.47	74.56	74.84	74.89	74.94	74.85	74.66	74.55	74.41	74.39	74.43	23
24	74.41	74.48	74.59	74.86	74.88	74.95	74.85	74.67	74.56	74.41	74.38	74.43	24
25	74.48	74.41	74.58	74.87	74.89	74.96	74.83	74.67	74.56	74.39	74.37	74.43	25
26	74.48	74.42	74.54	74.86	74.87	74.97	74.82	74.71	74.55	74.40	74.37	74.42	26
27	74.51	74.44	74.55	74.86	74.88	74.98	74.83	74.67	74.56	74.40	74.38	74.45	27
28	74.45	74.45	74.59	74.89	74.91	74.97	74.83	74.67	74.56	74.39	74.40	74.43	28
29	74.45		74.62	74.88	74.89	74.98	74.82	74.65	74.56	74.38	74.38	74.42	29
30	74.49		74.64	74.87	74.89	74.97	74.83	74.67	74.56	74.38	74.40	74.43	30
31	74.54		74.60		74.88		74.81	74.67		74.36		74.47	31
MEAN	74.46	74.47	74.49	74.78	74.88	74.95	74.90	74.72	74.59	74.46	74.40	74.42	MEAN
MAX	74.56	74.54	74.64	74.89	74.91	74.98	74.97	74.82	74.65	74.56	74.44	74.47	MAX
MIN	74.39	74.41	74.38	74.59	74.87	74.89	74.81	74.65	74.53	74.36	74.34	74.38	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 74.63
MAXIMUM DAILY, 74.98 ON JUN 13
MINIMUM DAILY, 74.34 ON NOV 24
MAXIMUM INSTANTANEOUS,
75.06 AT 20:30 EST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 38 N
LONG 79 22 50 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS 13320 TORONTO, ONT

LAKE SIMCOE NEAR GAMEBRIDGE - STATION NO. 02EC015

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	10.05	9.97	10.13	10.36	10.393A	10.419	10.316	10.189	10.120	10.022	10.177	1
2	---	10.04	9.97	10.15	10.36	10.395	10.414	10.310	10.203	10.107	10.042	10.188	2
3	---	10.05	9.97	10.18	10.36	10.384	10.397	10.313	10.225	10.108	10.060	10.213	3
4	---	10.05	9.97	10.21	10.36	10.378	10.385	10.309	10.190	10.098	10.077	10.223	4
5	---	10.05	9.97	10.22	10.36	10.376	10.388	10.306	10.184	10.098	10.131	10.227	5
6	---	10.05	9.97	10.23	10.35	10.377	10.384	10.303	10.167	10.094	10.142	10.288	6
7	---	10.04	9.97	10.23	10.36	10.386	10.382	10.298	10.160	10.093	10.106	10.296	7
8	---	10.04	9.97	10.23	10.37	10.388	10.373	10.293	10.160	10.098	10.105	10.278	8
9	---	10.04	9.96	10.23	10.37	10.391	10.364	10.302	10.158	10.081	10.082	10.269	9
10	---	10.03	9.96	10.23	10.37	10.396	10.351	10.307	10.155	10.070	10.073	10.292	10
11	---	10.03	9.96	10.23	10.37	10.398	10.366	10.289	10.149	10.074	10.090	10.284	11
12	---	10.02	9.96	10.23	10.37	10.395	10.376	10.268	10.145	10.086	10.126	10.258	12
13	---	10.02	9.96	10.24	10.37	10.406	10.345	10.252	10.143	10.080	10.108	10.263	13
14	10.06	10.02	9.96	10.25	10.36	10.418	10.339	10.244	10.146	10.091	10.091	10.269	14
15	10.06	10.01	9.96	10.25	10.36	10.418	10.332	10.240	10.143	10.097	10.112	10.263	15
16	10.06	10.01	9.96	10.26	10.36	10.459	10.333	10.237	10.156	10.074	10.107	10.285	16
17	10.06	10.01	9.98	10.28	10.36	10.448	10.340	10.235	10.132	10.062	10.088	10.281	17
18	10.06	10.00	9.98	10.29	10.36	10.446	10.348	10.225	10.159	10.060	10.086	10.280	18
19	10.06	10.01	9.99	10.30	10.36	10.464	10.367	10.234	10.136	10.052	10.086	10.285	19
20	10.06	10.00	9.99	10.32	10.38	10.470	10.361	10.227	10.129	10.082	10.089	10.291	20
21	10.05	10.00	10.00	10.34	10.37	10.471	10.350	10.212	10.123	10.078	10.107	10.295	21
22	10.05	10.00	10.01	10.35	10.36	10.468	10.346	10.222	10.118	10.036	10.109	10.292	22
23	10.05	10.00	10.01	10.35	10.35	10.465	10.337	10.216	10.118	10.040	10.118	10.282	23
24	10.06	9.99	10.02	10.35	10.37	10.458	10.332	10.203	10.117	10.029	10.156	10.297	24
25	10.05	9.99	10.03	10.36	10.37	10.458	10.338	10.234	10.113	10.031	10.179	10.328	25
26	10.05	9.98	10.05	10.36	10.37	10.448	10.325	10.239	10.117	10.024	10.156	10.356	26
27	10.04	9.98	10.05	10.37	10.37	10.440	10.310	10.248	10.115	10.024	10.136	10.349	27
28	10.04	9.98	10.05	10.36	10.38	10.441	10.320	10.237	10.122	10.026	10.136	10.409	28
29	10.03		10.05	10.36	10.38	10.437	10.320	10.218	10.117	10.029	10.168	10.416	29
30	10.03		10.06	10.36	10.38	10.431	10.315	10.210	10.118	10.034	10.172	10.413	30
31	10.04		10.09		10.39		10.324	10.198		10.019		10.390	31
MEAN	---	10.02	9.99	10.28	10.37	10.423	10.354	10.256	10.147	10.068	10.109	10.292	MEAN
MAX	---	10.05	10.09	10.37	10.39	10.471	10.419	10.316	10.225	10.120	10.179	10.416	MAX
MIN	---	9.98	9.96	10.13	10.35	10.376	10.310	10.198	10.113	10.019	10.022	10.177	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

A - MANUAL GAUGE

MAXIMUM DAILY, 10.471 ON JUN 21
MINIMUM DAILY, 9.96 ON MAR 9
MAXIMUM INSTANTANEOUS,
10.605 AT 19:38 EST ON DEC 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 28 22 N
LONG 79 10 02 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUN
APPLY 208.724 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - PRIOR TO JUNE 1982 PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE AS 16500 GAMEBRIDGE ONT

LAKE ST. CLAIR AT BELLE RIVER - STATION NO. 02GH005

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.99	175.06	174.98	175.17	175.16	175.19	175.20	175.15	175.06	175.04	174.93	175.01	1
2	175.00	175.02	174.97	175.20	175.15	175.20	175.18	175.15	175.07	175.03	174.96	175.01	2
3	175.02	175.01	174.98	175.08	175.15	175.22	175.19	175.14	175.06	175.01	174.99	174.99	3
4	174.92	175.01	175.00	175.17	175.14	175.20	175.23	175.15	175.06	175.02	174.97	175.04	4
5	175.00	174.99	175.01	175.23	175.13	175.23	175.22	175.16	175.03	175.01	174.86	175.02	5
6	175.03	174.97	175.03	175.39	175.12	175.20	175.19	175.15	175.07	175.00	174.86	175.01	6
7	175.06	174.94	175.04	175.26	175.13	175.18	175.18	175.15	175.08	174.99	174.88	175.04	7
8	175.03	174.93	175.05	175.22	175.15	175.19	175.19	175.14	175.05	175.00	174.91	175.09	8
9	175.08	174.93	175.06	175.21	175.14	175.19	175.18	175.15	175.04	175.01	174.95	175.11	9
10	175.09	174.93	175.05	175.14	175.13	175.19	175.17	175.15	175.04	174.99	174.95	175.00	10
11	175.06	174.93	175.02	175.16	175.12	175.17	175.14	175.15	175.03	174.98	174.91	175.07	11
12	175.07	174.94	175.01	175.16	175.13	175.17	175.16	175.14	175.03	174.96	174.85	175.06	12
13	175.09	174.94	175.10	175.18	175.14	175.17	175.18	175.13	175.02	174.96	174.94	174.96	13
14	175.10	174.95	175.12	175.19	175.13	175.16	175.17	175.13	175.04	174.92	174.93	174.95	14
15	175.10	174.94	175.15	175.19	175.13	175.12	175.17	175.12	175.06	174.95	174.94	174.99	15
16	175.10	174.95	175.18	175.17	175.13	175.20	175.16	175.11	175.05	174.99	174.91	175.08	16
17	175.11	174.99	175.19	175.18	175.13	175.17	175.15	175.13	175.02	174.96	174.94	175.06	17
18	175.11	175.01	175.19	175.20	175.13	175.19	175.15	175.11	175.05	174.93	174.95	175.0C	18
19	175.09	175.00	175.19	175.20	175.13	175.21	175.18	175.07	175.02	174.92	174.94	175.03	19
20	175.08	174.99	175.20	175.20	175.15	175.18	175.19	175.09	175.02	174.82	174.92	175.05	20
21	175.10	174.99	175.19	175.19	175.15	175.20	175.17	175.12	175.01	174.91	174.96	175.05	21
22	175.10	174.99	175.17	175.19	175.17	175.20	175.18	175.04	175.02	174.93	175.00	175.02	22
23	175.09	174.98	175.16	175.17	175.16	175.19	175.19	175.08	175.01	174.92	175.03	175.03	23
24	175.04	175.00	175.15	175.16	175.16	175.18	175.17	175.08	174.97	174.93	175.06	175.03	24
25	175.06	175.00	175.15	175.17	175.15	175.18	175.15	175.12	175.00	174.93	174.97	175.03	25
26	175.08	175.00	175.16	175.18	175.14	175.20	175.16	175.07	175.01	174.93	175.01	175.10	26
27	175.08	175.00	175.16	175.24	175.15	175.19	175.17	175.09	175.06	174.92	175.03	175.13	27
28	175.04	175.01	175.14	175.18	175.17	175.20	175.22	175.10	175.05	174.90	175.02	175.05	28
29	175.01		175.13	175.17	175.17	175.21	175.19	175.07	175.03	174.87	174.99	175.10	29
30	175.01		175.11	175.16	175.18	175.22	175.17	175.07	175.03	174.88	175.00	175.12	30
31	175.04		175.12		175.17		175.17	175.09		174.91		175.11	31
MEAN	175.06	174.98	175.10	175.19	175.14	175.19	175.18	175.12	175.04	174.95	174.95	175.04	MEAN
MAX	175.11	175.06	175.20	175.39	175.18	175.23	175.23	175.16	175.08	175.04	175.06	175.13	MAX
MIN	174.92	174.93	174.97	175.08	175.12	175.12	175.14	175.04	174.97	174.82	174.85	174.95	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 175.08
MAXIMUM DAILY, 175.39 ON APR 6
MINIMUM DAILY, 174.82 ON OCT 20
MAXIMUM INSTANTANEOUS,
175.62 AT 3:15 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 17 49 N
LONG 82 42 37 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 11965 BELLE RIVER, ONT

LAKE ST. CLAIR AT TECUMSEH - STATION NO. 02GH006

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.89	175.00	174.92	175.10	175.13	175.13	175.16	---	175.02	175.00	174.90	174.97	1
2	174.96	174.97	174.92	175.20	175.13	175.16	175.14	---	175.00	175.01	174.92	174.98	2
3	174.86	174.96	174.93	174.94	175.12	175.19	175.17	---	174.97	174.97	174.93	174.95	3
4	174.72	174.96	174.95	174.92	175.13	175.17	175.20	---	175.01	174.99	174.89	175.00	4
5	174.88	174.94	174.96	175.22	175.12	175.17	175.19	---	174.99	174.98	174.76	175.00	5
6	174.96	174.92	174.98	175.26	175.10	175.16	175.16	---	175.02	174.97	174.79	174.93	6
7	174.96	174.90	175.00	175.19	175.10	175.17	175.13	---	175.05	174.95	174.84	174.97	7
8	174.91	174.89	175.01	175.18	175.11	175.16	175.16	---	175.02	174.96	174.87	175.03	8
9	175.00	174.89	175.00	175.18	175.11	175.17	175.15	---	175.01	175.02	174.92	175.03	9
10	174.98	174.90	175.00	175.10	175.11	175.14	175.15	---	175.00	175.00	174.95	174.94	10
11	174.99	174.90	174.99	175.11	175.10	175.14	175.08	---	174.99	174.92	174.88	174.99	11
12	175.05	174.91	174.97	175.15	175.10	175.14	175.11	---	174.99	174.90	174.76	174.98	12
13	175.07	174.92	174.93	175.12	175.11	175.13	175.15	---	174.99	174.91	174.85	174.91	13
14	175.07	174.92	175.01	175.16	175.11	175.13	175.14	---	174.99	174.83	174.88	174.91	14
15	175.07	174.90	175.11	175.17	175.11	175.08	175.14	---	175.01	174.86	174.86	174.95	15
16	175.07	174.91	175.14	175.15	175.11	175.17	175.13	---	174.98	174.87	174.87	174.98	16
17	175.08	174.96	175.13	175.10	175.11	175.14	175.11	---	174.99	174.91	174.90	175.02	17
18	175.09	174.96	175.14	175.15	175.11	175.16	175.1:	175.07	174.98	174.89	174.91	174.98	18
19	175.07	174.94	175.16	175.18	175.09	175.16	175.15	175.02	174.99	174.89	174.91	174.99	19
20	175.06	174.93	175.16	175.14	175.11	175.14	175.16	175.04	174.95	174.73	174.90	174.94	20
21	175.08	174.93	175.12	175.11	175.14	175.14	175.14	175.07	174.96	174.83	174.92	174.97	21
22	175.09	174.94	175.12	175.15	175.16	175.17	175.15	175.00	174.97	174.88	174.97	175.00	22
23	175.04	174.93	175.13	175.12	175.13	175.15	175.15	175.03	174.95	174.88	174.97	175.00	23
24	174.98	174.97	175.12	175.13	175.12	175.15	175.13	175.05	174.94	174.89	174.94	175.00	24
25	175.03	174.96	175.12	175.14	175.12	175.14	---	175.04	174.97	174.89	174.90	174.99	25
26	175.05	174.96	175.09	175.14	175.12	175.17	---	175.02	174.98	174.89	174.94	175.04	26
27	175.04	174.96	175.11	175.18	175.13	175.16	---	175.04	175.00	174.89	174.99	175.10	27
28	174.99	174.96	175.10	175.15	175.14	175.17	---	175.05	175.01	174.87	175.00	174.92	28
29	174.97		175.10	175.15	175.15	175.18	---	175.04	175.01	174.83	174.93	174.99	29
30	174.97		175.08	175.14	175.15	175.17	---	175.04	174.99	174.84	174.97	175.06	30
31	175.01		175.04		175.15		---	175.06		174.87		175.07	31
MEAN	175.00	174.94	175.05	175.14	175.12	175.15	---	---	174.99	174.91	174.90	174.99	MEAN
MAX	175.09	175.00	175.16	175.26	175.16	175.19	---	---	175.05	175.02	175.00	175.10	MAX
MIN	174.72	174.89	174.92	174.92	175.09	175.08	---	---	174.94	174.73	174.76	174.91	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 175.26 ON APR 6
MINIMUM DAILY, 174.72 ON JAN 4
MAXIMUM INSTANTANEOUS,
175.46 AT 2:41 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 20 22 N
LONG 82 55 24 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 11975 TECUMSEH, ONT

LAKE ST. JOSEPH DIVERSION ABOVE CONTROL DAM - STATION NO. 05QB005

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	371.10	371.09	371.17	371.17	---	372.00	373.37	373.90	---	---	372.39	372.15	1
2	371.11	371.09	371.17	371.19	---	371.99	373.42	373.89	---	---	372.40	372.15	2
3	371.10	371.09	371.17	371.16	371.33	371.94	373.46	373.89	---	---	372.41	372.12	3
4	371.11	371.09	371.17	371.16	371.35A	371.94	373.45	373.90	---	---	372.41	372.13	4
5	371.11	371.09	371.17	371.17	371.37	372.00	373.48	373.89	---	372.68A	372.36	372.12	5
6	371.09	371.09	371.17	371.16	371.37	372.03	373.49E	373.45	---	372.71	372.33	372.16	6
7	371.10	371.09	371.16	371.16	371.40	372.05	373.51E	373.03	---	372.69	372.35	372.36	7
8	371.09	371.09	371.16	371.16	371.43	372.08	373.47	373.02	---	372.63	372.31	372.59	8
9	371.09	371.10	371.16	371.17	371.45	372.09	373.54	373.05	---	372.63	372.31	372.69	9
10	371.08	371.10	371.16	371.17	371.48	372.07	373.55	373.02	---	372.65	372.30	372.68	10
11	371.08	371.10	371.16	371.17	371.51	372.12	373.59	373.00	---	372.63	372.28	372.68	11
12	371.09	371.10	371.17	371.17	---	372.12	373.61	372.98	---	372.61	372.30	372.68	12
13	371.09	371.10	371.17	371.17	371.54	372.16	373.64	372.97	---	372.56	372.26	372.68	13
14	371.09	371.12	371.17	371.16	371.56	372.19	373.67	372.96	---	372.54	372.25	372.67	14
15	371.08	371.11	371.18	371.17	371.61	372.20	373.67	372.93	---	372.54	372.26	372.66	15
16	371.08	371.13	371.18	371.18	371.65	372.19	373.68	372.93	---	372.54	372.26	372.67	16
17	371.08	371.15	371.19	371.17	371.65	372.24	373.65	372.92	---	372.54	372.25	372.67	17
18	371.08	371.17	371.19	371.17	371.70	372.25	373.70	372.91	---	372.54	372.24	372.67	18
19	371.08	371.19	371.18	371.17	371.76	372.26	373.74	372.90	---	372.54	372.24	372.67	19
20	371.08	371.20	371.18	371.16	371.77	372.30	373.72	372.90	---	372.52	372.23	372.67	20
21	371.08	371.20	371.17	371.16	371.79	372.34	373.76	372.87	---	372.48	372.15	372.67	21
22	371.08	371.19	371.17	371.15	371.81	372.34	373.78	372.86	---	372.47	372.21	372.67	22
23	371.08	371.19	371.17	---	371.82	372.34	373.79	372.85	---	372.47	372.20	372.67	23
24	371.08	371.18	371.17	---	371.83	372.36	373.81	372.83	---	372.46	372.19	372.67	24
25	371.08	371.18	371.17	---	371.84	372.82	373.82	372.81	---	372.46	372.18	372.67	25
26	371.08	371.18	371.17	---	371.87	373.18	373.86	372.77	---	372.47	372.17	372.66	26
27	371.08	371.18	371.16	---	371.90	373.23	373.87	372.99A	---	372.44	372.17	372.67	27
28	371.08	371.19	371.16	---	371.93	373.28	373.89	---	---	372.43	372.17	372.66	28
29	371.10		371.17	---	371.93	373.31	373.87	---	---	372.39	372.17	372.64	29
30	371.09		371.17	---	371.98	373.34	373.85	---	---	372.35	372.16	372.63	30
31	371.09		371.15		372.00		373.84	---		372.36		372.64	31
MEAN	371.09	371.14	371.17	---	---	372.36	373.66	---	---	---	372.26	372.55	MEAN
MAX	371.11	371.20	371.19	---	---	373.34	373.89	---	---	---	372.41	372.69	MAX
MIN	371.08	371.09	371.15	---	---	371.94	373.37	---	---	---	372.15	372.12	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 373.90 ON AUG 1
MINIMUM DAILY, 371.08 ON JAN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 10 N
LONG 91 27 30 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE ST. JOSEPH DIVERSION AT ROOT PORTAGE - STATION NO. 05QB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.1	40.5	45.1	45.1	51.1E	101	0	55.6	0	158	133	113	1
2	41.6	40.5	45.1	46.2	51.9E	100	0	55.4	0	153	133	113	2
3	41.1	40.5	45.1	44.5	53.3E	96.7	0	55.4	0	159	134	111	3
4	41.6	40.5	45.1	44.5	54.7	96.7	0	55.6	0	153	134	111	4
5	41.6	40.5	45.1	45.1	55.9	101	0	55.4	0	158	130	111	5
6	40.5	40.5	44.5	45.6	57.2	104	0	127	0	160	128	108	6
7	41.1	40.5	44.5	45.1	57.2	105	0	190	0	158	129	88.9	7
8	40.5	40.5	44.5	45.1	59.1	104	0	189	0	153	126	66.9	8
9	40.5	41.1	44.5	45.1	61.0	108	0	192	0	153	126	63.4	9
10	39.9	41.1	44.5	45.1	62.3	107	0	189	0	155	125	63.0	10
11	39.9	41.1	44.5	45.1	64.3	111	0	187	0	153	124	63.0	11
12	40.5	41.1	45.1	45.1	66.2	111	0	185	0	151	125	63.0	12
13	40.5	41.1	45.1	45.1	68.2	114	0	184	0	147	122	63.0	13
14	40.5	42.2	45.1	44.5	69.6	116	0	183	0	145	121	62.7	14
15	39.9	41.6	45.6	45.1	73.0	117	0	180	80.0E	145	122	62.1	15
16	39.9	42.8	45.6	45.6	75.7	116	0	180	182	145	120	62.7	16
17	39.9	43.9	46.2	45.1	75.7	120	0	179	180	145	121	62.7	17
18	39.9	45.1	46.2	45.1	79.2	121	0	178	178	145	120	62.7	18
19	39.9	46.2	45.6	45.1	83.5	122	0	178	172	145	120	62.7	19
20	39.9	46.8	45.6	44.5	84.2	125	0	178	173	144	119	62.7	20
21	39.9	46.8	45.1	44.5	85.7	128	0	175	173	140	113	62.7	21
22	39.9	46.2	45.1	43.9	87.1	128	0	174	171	139	118	62.7	22
23	39.9	46.2	45.1	44.7E	87.8	128	0	173	168	139	117	62.7	23
24	39.9	45.6	45.1	45.5E	88.6	130	0	171	165	137	116	62.7	24
25	39.9	45.6	45.1	46.3E	89.3	54.6E	0	169	166	138	115	62.7	25
26	39.9	45.6	45.1	47.1E	91.5	0	0	166	165	137	115	62.1	26
27	39.9	45.6	44.5	47.9E	93.7	0	0	89.3	157	137	115	62.7	27
28	39.9	46.2	44.5	48.7E	96.0	0	0	0	153	136	115	62.1	28
29	41.1		45.1	49.5E	96.0	0	31.8	0	158	133	115	61.6	29
30	40.5		45.1	50.3E	99.8	0	54.5	0	161	129	114	61.3	30
31	40.5		43.9		101		54.3	0		130		61.6	31
TOTAL	1 251.6	1 205.9	1 396.3	1 370.1	2 319.8	2 765.0	140.6	4 093.7	2 602.0	4 520	3 665	2 261.4	TOTAL
MEAN	40.4	43.1	45.0	45.7	74.8	92.2	4.54	132	86.7	146	122	72.9	MEAN
MAX	41.6	46.8	46.2	50.3	101	130	54.5	192	182	160	134	113	MAX
MIN	39.9	40.5	43.9	43.9	51.1	0	0	0	0	129	113	61.3	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 75.6
MAXIMUM DAILY, 192 ON AUG 9
MINIMUM DAILY, 0 ON JUN 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 10 N
LONG 91 27 30 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	108 000	JUL	12 100
FEB	104 000	AUG	354 000
MAR	121 000	SEP	225 000
APR	118 000	OCT	391 000
MAY	200 000	NOV	317 000
JUN	239 000	DEC	195 000

TOTAL DISCHARGE, 2 380 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REMARKS - LAKE ST. JOSEPH HAS TWO OUTLETS. THIS DIVERSION CONTRIBUTES FLOW TO THE ENGLISH RIVER SYSTEM

LAKE SUPERIOR AT GROS CAP - STATION NO. 02BF010

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	182.96	182.80	182.83	182.83	182.86	183.03	183.03	183.17	183.17	183.23	183.28	183.32	1
2	182.71	182.80	182.79	182.62	182.86	183.04	183.02	183.14	183.24	183.13	183.29	183.18	2
3	182.90	182.86	182.74	182.84	182.84	183.08	183.02	183.13	183.31	183.23	183.26	183.26	3
4	182.95	182.80	182.74	182.92	182.79	182.99	183.01	183.18	183.19	183.17	183.28	183.26	4
5	182.81	182.82	182.76	182.81	182.84	182.99	182.96	183.16	183.22	183.20	183.38	183.26	5
6	183.00	182.80	182.74	182.81	182.89	182.97	183.00	183.17	183.21	183.16	183.34	183.36	6
7	182.94	182.88	182.77	182.77	182.90	182.94	183.04	183.16	183.16	183.22	183.28	183.34	7
8	182.96	182.83	182.70	182.76	182.91	183.00	183.04	183.17	183.13	183.26	183.36	183.33	8
9	182.93	182.83	182.72	182.76	182.90	182.97	183.06	183.25	183.15	183.20	183.29	183.21	9
10	183.16	182.80	182.68	182.75	182.84	183.02	183.06	183.25	183.14	183.17	183.28	183.32	10
11	182.98	182.81	182.77	182.77	182.92	183.01	183.18	183.22	183.14	183.28	183.29	183.33	11
12	182.86	182.79	182.63	182.78	182.96	183.02	183.15	183.20	183.16	183.27	183.41	183.28	12
13	182.84	182.78	182.85	182.84	182.91	183.02	183.11	183.18	183.19	183.30	183.33	183.28	13
14	182.82	182.78	182.81	182.74	182.92	182.99	183.12	183.18	183.23	183.32	183.32	183.21	14
15	182.84	182.79	182.78	182.71	182.96	183.06	183.09	183.17	183.20	183.40	183.27	183.25	15
16	183.00	182.75	182.71	182.76	182.96	183.04	183.09	183.19	183.21	183.35	183.28	183.22	16
17	182.85	182.71	182.74	182.91	182.95	183.04	183.11	183.19	183.20	183.24	183.24	183.08	17
18	182.83	182.72	182.76	182.84	182.95	183.04	183.15	183.16	183.23	183.24	183.20	183.12	18
19	182.83	182.75	182.76	182.84	183.01	183.04	183.15	183.19	183.19	183.29	183.18	183.23	19
20	182.84	182.75	182.71	182.86	183.06	183.03	183.14	183.21	183.28	183.40	183.28	183.27	20
21	182.79	182.78	182.76	182.85	183.00	183.04	183.14	183.20	183.23	183.33	183.31	183.21	21
22	182.71	182.74	182.76	182.82	183.00	183.05	183.18	183.22	183.18	183.30	183.26	183.16	22
23	182.81	182.82	182.69	182.81	183.01	183.03	183.16	183.22	183.16	183.29	183.35	183.13	23
24	182.91	182.77	182.74	182.79	183.00	183.00	183.13	183.20	183.21	183.26	183.32	183.28	24
25	182.87	182.76	182.78	182.82	182.99	183.07	183.16	183.21	183.20	183.29	183.32	183.25	25
26	182.81	182.77	182.79	182.87	182.99	183.02	183.16	183.22	183.16	183.25	183.34	183.22	26
27	182.71	182.76	182.75	182.86	182.99	183.01	183.17	183.26	183.18	183.22	183.27	183.19	27
28	182.98	182.68	182.70	182.83	183.01	183.03	183.18	183.24	183.12	183.21	183.23	183.28	28
29	182.81		182.68	182.83	183.00	183.06	183.14	183.16	183.11	183.22	183.26	183.29	29
30	182.89		182.63	182.83	183.02	183.06	183.16	183.22	183.18	183.28	183.21	183.25	30
31	182.81		182.77		183.02		183.14	183.18		183.27		183.23	31
MEAN	182.87	182.78	182.74	182.81	182.94	183.02	183.10	183.19	183.19	183.26	183.29	183.23	MEAN
MAX	183.16	182.88	182.85	182.92	183.06	183.07	183.18	183.26	183.31	183.40	183.41	183.36	MAX
MIN	182.71	182.68	182.63	182.62	182.79	182.94	182.96	183.13	183.11	183.13	183.18	183.08	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 183.04
MAXIMUM DAILY, 183.41 ON NOV 12
MINIMUM DAILY, 182.62 ON APR 2
MAXIMUM INSTANTANEOUS,
183.77 AT 14:53 EST ON NOV 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 46 N
LONG 84 35 08 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 10920 GROS CAP, ONT

LAKE SUPERIOR AT MICHIPICOTEN HARBOUR - STATION NO. 02BD004

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	182.86	182.78	182.79	182.75	182.82	182.99	182.98	183.10	183.13	183.17	183.23	183.20	1
2	182.73	182.79	182.73	182.62	182.82	182.99	182.97	183.08	183.19	183.13	183.24	183.17	2
3	182.88	182.77	182.70	182.75	182.80	182.96	182.97	183.10	183.20	183.18	183.21	183.24	3
4	182.79	182.77	182.70	182.79	182.79	182.95	182.97	183.15	183.14	183.14	183.25	183.21	4
5	182.79	182.76	182.73	182.75	182.83	182.96	182.96	183.12	183.14	183.16	183.31	183.21	5
6	182.91	182.78	182.72	182.75	182.87	182.94	183.02	183.12	183.13	183.09	183.30	183.29	6
7	182.84	182.83	182.70	182.74	182.87	182.94	183.03	183.14	183.12	183.17	183.26	183.25	7
8	182.84	182.78	182.67	182.73	182.87	182.98	183.03	183.14	183.13	183.20	183.28	183.25	8
9	182.83	182.77	182.69	182.73	182.86	182.95	183.02	183.19	183.13	183.14	183.24	183.20	9
10	182.96	182.79	182.68	182.72	182.83	183.00	183.03	183.18	183.11	183.16	183.19	183.26	10
11	182.85	182.78	182.72	182.73	182.90	182.99	183.13	183.16	183.13	183.21	183.26	183.22	11
12	182.82	182.75	182.63	182.69	182.90	182.98	183.10	183.14	183.12	183.23	183.32	183.16	12
13	182.77	182.74	182.81	182.78	182.89	182.99	183.08	183.13	183.16	183.25	183.26	183.19	13
14	182.77	182.69	182.74	182.72	182.90	182.97	183.08	183.14	183.12	183.26	183.25	183.13	14
15	182.84	182.76	182.66	182.71	182.92	183.01	183.06	183.12	183.13	183.27	183.27	183.18	15
16	182.84	182.70	182.67	182.74	182.90	182.99	183.06	183.15	183.15	183.26	183.27	183.15	16
17	182.79	182.68	182.70	182.84	182.92	183.00	183.10	183.15	183.16	183.19	183.22	183.13	17
18	182.77	182.71	182.71	182.79	182.93	182.99	183.12	183.12	183.18	183.21	183.20	183.14	18
19	182.81	182.72	182.69	182.76	182.97	183.00	183.11	183.17	183.17	183.21	183.20	183.19	19
20	182.76	182.73	182.66	182.79	182.97	182.98	183.09	183.15	183.17	183.24	183.22	183.17	20
21	182.74	182.72	182.72	182.80	182.95	182.99	183.11	183.13	183.14	183.24	183.31	183.15	21
22	182.67	182.70	182.73	182.79	182.96	182.99	183.14	183.15	183.12	183.24	183.25	183.12	22
23	182.74	182.75	182.68	182.79	182.97	182.96	183.12	183.17	183.11	183.23	183.27	183.12	23
24	182.82	182.71	182.73	182.77	182.97	182.98	183.10	183.16	183.12	183.24	183.28	183.14	24
25	182.80	182.72	182.71	182.79	182.96	183.02	183.13	183.17	183.13	183.23	183.25	183.18	25
26	182.77	182.74	182.70	182.80	182.95	182.98	183.13	183.17	183.12	183.22	183.25	183.19	26
27	182.77	182.71	182.70	182.82	182.95	182.98	183.13	183.21	183.12	183.21	183.23	183.16	27
28	182.89	182.66	182.69	182.79	182.96	183.00	183.13	183.18	183.08	183.20	183.22	183.19	28
29	182.77		182.65	182.79	182.95	183.01	183.10	183.18	183.10	183.24	183.21	183.21	29
30	182.81		182.61	182.80	182.97	183.02	183.11	183.18	183.18	183.27	183.19	183.21	30
31	182.75		182.77		182.97		183.11	183.14		183.25		183.22	31
MEAN	182.81	182.74	182.70	182.76	182.91	182.98	183.07	183.15	183.14	183.21	183.25	183.19	MEAN
MAX	182.96	182.83	182.81	182.84	182.97	183.02	183.14	183.21	183.20	183.27	183.32	183.29	MAX
MIN	182.67	182.66	182.61	182.62	182.79	182.94	182.96	183.08	183.08	183.09	183.19	183.12	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 182.99
MAXIMUM DAILY, 183.32 ON NOV 12
MINIMUM DAILY, 182.61 ON MAR 30
MAXIMUM INSTANTANEOUS,
183.51 AT 13:15 EST ON NOV 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 57 44 N
LONG 84 56 02 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 10750 MICHIPICOTEN, ONT

LAKE SUPERIOR AT ROSSPORT - STATION NO. 02BA004

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	182.78	182.74	182.70	182.67	182.80	182.96	182.96	183.07	183.10	183.12	183.21	183.19	1
2	182.81	182.74	182.67	182.65	182.79	182.94	182.95	183.07	183.12	183.12	183.20	183.19	2
3	182.83	182.71	182.68	182.64	182.79	182.95	182.94	183.09	183.11	183.16	183.18	183.22	3
4	182.74	182.74	182.69	182.69	182.80	182.94	182.95	183.11	183.12	183.13	183.19	183.19	4
5	182.79	182.72	182.69	182.70	182.82	182.93	182.96	183.10	183.08	183.14	183.22	183.18	5
6	182.81	182.75	182.69	182.70	182.85	182.92	182.98	183.10	183.09	183.10	183.22	183.19	6
7	182.78	182.73	182.66	182.71	182.87	182.95	183.00	183.10	183.10	183.16	183.22	183.18	7
8	182.77	182.72	182.66	182.71	182.85	182.95	183.01	183.13	183.12	183.16	183.19	183.17	8
9	182.75	182.72	182.66	182.72	182.84	182.93	182.99	183.12	183.12	183.14	183.19	183.21	9
10	182.76	182.74	182.68	182.71	182.85	182.98	182.98	183.11	183.10	183.17	183.21	183.16	10
11	182.75	182.73	182.66	182.70	182.88	182.97	183.00	183.11	183.11	183.20	183.20	---	11
12	182.77	182.71	182.67	182.71	182.87	182.95	183.05	183.10	183.12	183.20	183.18	183.15	12
13	182.75	182.71	182.74	182.71	182.88	182.96	183.05	183.10	183.13	183.20	183.20	183.16	13
14	182.76	182.71	182.69	182.71	182.89	182.95	183.05	183.10	183.10	183.22	183.20	183.11	14
15	182.78	182.71	182.67	182.73	182.90	182.95	---	183.09	183.10	183.18	183.25	183.13	15
16	182.74	182.68	182.66	182.72	182.88	182.96	183.07	183.11	183.12	183.18	183.24	183.12	16
17	182.75	182.70	182.67	182.72	182.89	182.95	183.08	183.10	183.13	183.19	183.22	183.18	17
18	182.74	182.71	182.67	182.74	182.93	182.96	183.10	183.10	183.13	183.19	183.23	183.16	18
19	182.78	182.71	182.65	182.73	182.94	182.95	183.09	183.11	183.13	183.16	183.23	183.14	19
20	182.73	182.71	182.65	182.73	182.91	182.95	183.08	183.10	183.09	183.14	183.27	183.11	20
21	182.71	182.68	182.67	182.76	182.92	182.96	183.08	183.09	183.12	183.21	183.26	183.12	21
22	182.72	182.71	182.67	182.78	182.92	182.95	183.08	183.11	183.13	183.23	183.22	183.11	22
23	182.68	182.68	182.69	182.78	182.93	182.95	183.08	183.12	183.12	183.22	183.21	183.12	23
24	182.73	182.67	182.70	182.78	182.94	182.96	183.09	183.12	183.10	183.23	183.23	183.11	24
25	182.74	182.69	182.66	182.77	182.94	182.96	183.10	183.12	183.12	183.22	183.20	183.11	25
26	182.74	182.70	182.64	182.76	182.93	182.95	183.09	183.10	183.13	183.21	183.19	183.16	26
27	182.80	182.67	182.65	182.78	182.92	182.96	183.09	183.12	183.11	183.21	183.21	183.15	27
28	182.75	182.68	182.69	182.79	182.93	182.95	183.09	183.11	183.09	183.21	183.21	183.10	28
29	182.74		182.67	182.78	182.93	182.94	183.09	183.11	183.13	183.24	183.20	183.15	29
30	182.73		182.67	182.79	182.93	182.96	183.09	183.11	183.14	183.25	183.20	183.15	30
31	182.73		182.72		182.93		183.09	183.09		183.23		183.16	31
MEAN	182.76	182.71	182.68	182.73	182.89	182.95	---	183.10	183.11	183.18	183.21	---	MEAN
MAX	182.83	182.75	182.74	182.79	182.94	182.98	---	183.13	183.14	183.25	183.27	---	MAX
MIN	182.68	182.67	182.64	182.64	182.79	182.92	---	183.07	183.08	183.10	183.18	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 183.27 ON NOV 20
MINIMUM DAILY, 182.64 ON MAR 26
MAXIMUM INSTANTANEOUS,
183.43 AT 1:50 EST ON NOV 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 02 N
LONG 87 31 10 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DPO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 10220 ROSSPORT, ONT

LAKE SUPERIOR AT THUNDER BAY - STATION NO. 02AB018

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	182.84	182.80	182.74	182.72	182.87	183.02	183.03	183.16	183.18	183.18	183.28	183.27	1
2	182.94	182.80	182.73	182.79	182.87	183.01	183.03	183.18	183.17	183.21	183.27	183.28	2
3	182.85	182.77	182.75	182.71	182.89	183.03	183.02	183.21	183.16	183.20	183.29	183.28	3
4	182.81	182.79	182.75	182.75	182.91	183.04	183.04	183.19	183.20	183.21	183.28	183.26	4
5	182.88	182.78	182.75	182.77	182.90	183.02	183.05	183.18	183.16	183.20	183.26	183.25	5
6	182.79	182.79	182.74	182.77	182.91	183.03	183.05	183.19	183.18	183.23	183.28	183.22	6
7	182.83	182.77	182.73	182.78	182.95	183.05	183.06	183.20	183.18	183.27	183.30	183.22	7
8	182.81	182.78	182.73	182.79	182.93	183.02	183.06	183.20	183.20	183.24	183.26	183.20	8
9	182.79	182.78	182.74	182.79	182.93	183.02	183.05	183.16	183.19	183.25	183.27	183.26	9
10	182.72	182.79	182.76	182.78	183.00	183.04	183.06	183.17	183.19	183.31	183.30	183.19	10
11	182.80	182.77	182.74	182.78	182.98	183.04	183.08	183.18	183.19	183.28	183.27	183.19	11
12	182.82	182.77	182.78	182.80	182.95	183.04	183.13	183.18	183.20	183.27	183.20	183.23	12
13	182.83	182.77	182.74	182.77	182.99	183.04	183.14	183.19	183.18	183.26	183.29	183.22	13
14	182.85	182.80	182.74	182.80	182.99	183.05	183.13	183.19	183.17	183.26	183.27	183.21	14
15	182.82	182.77	182.77	182.82	182.98	183.02	183.14	183.19	183.18	183.22	183.32	183.19	15
16	182.77	182.76	182.75	182.80	182.99	183.05	183.16	183.17	183.19	183.23	183.29	183.20	16
17	182.81	182.79	182.75	182.78	183.00	183.03	183.19	183.17	183.19	183.27	183.30	183.26	17
18	182.82	182.79	182.73	182.82	183.03	183.03	183.17	183.18	183.20	183.26	183.31	183.23	18
19	182.82	182.78	182.73	182.81	183.00	183.04	183.17	183.18	183.19	183.24	183.31	183.19	19
20	182.80	182.77	182.74	182.81	183.00	183.03	183.18	183.18	183.17	183.21	183.33	183.18	20
21	182.81	182.76	182.74	182.83	183.00	183.03	183.17	183.19	183.19	183.28	183.26	183.20	21
22	182.84	182.77	182.74	182.85	183.00	183.02	183.16	183.19	183.21	183.29	183.28	183.22	22
23	182.78	182.75	182.77	182.85	183.01	183.04	183.16	183.19	183.20	183.29	183.26	183.24	23
24	182.78	182.75	182.75	182.86	183.01	183.03	183.19	183.18	183.18	183.30	183.27	183.20	24
25	182.79	182.76	182.73	182.84	183.03	183.03	183.17	183.18	183.20	183.27	183.26	183.18	25
26	182.82	182.75	182.71	182.84	183.02	183.03	183.17	183.18	183.22	183.28	183.24	183.24	26
27	182.88	182.74	182.73	182.85	183.01	183.05	183.16	183.16	183.19	183.30	183.28	183.22	27
28	182.77	182.78	182.76	182.87	183.01	183.03	183.16	183.17	183.23	183.29	183.28	183.16	28
29	182.81		182.75	182.87	183.02	183.02	183.18	183.19	183.25	183.32	183.27	183.20	29
30	182.77		182.77	182.87	183.01	183.02	183.17	183.16	183.21	183.28	183.29	183.22	30
31	182.80		182.73		183.01		183.19	183.18		183.28		183.22	31
MEAN	182.81	182.77	182.74	182.81	182.97	183.03	183.12	183.18	183.19	183.26	183.28	183.22	MEAN
MAX	182.94	182.80	182.78	182.87	183.03	183.05	183.19	183.21	183.25	183.32	183.33	183.28	MAX
MIN	182.72	182.74	182.71	182.71	182.87	183.01	183.02	183.16	183.16	183.18	183.28	183.16	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 183.03
MAXIMUM DAILY, 183.33 ON NOV 20
MINIMUM DAILY, 182.71 ON MAR 26
MAXIMUM INSTANTANEOUS,
183.46 AT 23:15 EST ON DEC 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 24 34 N
LONG 89 13 01 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DPO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 10050 THUNDER BAY, ONT

LARDER RIVER ABOVE RAVEN LAKE - STATION NO. 02JC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.279	0.432B	0.668	3.03	13.5	6.68	0.544	0.463	0.380	0.283	0.681	2.61	1
2	0.283	0.440B	0.675	2.97	14.3	6.63	0.523	0.460	0.350	0.273	1.18	2.53	2
3	0.285B	0.450B	0.704	2.95	14.8	6.08	0.506	0.447	0.352	0.274	2.19	2.55	3
4	0.288B	0.459B	0.711	2.95	15.0	5.05	0.509	0.457	0.358	0.289	2.17	2.73	4
5	0.290B	0.465B	0.716	3.02	19.4	3.31	0.505	0.440	0.404	0.285A	2.32	2.75	5
6	0.292B	0.473B	0.698	2.99	21.4	3.26	0.533	0.462	0.380	0.295E	2.38	3.11	6
7	0.296B	0.482B	0.704	3.02	20.4	3.31	0.563	0.452	0.356	0.325E	2.37	3.12	7
8	0.300B	0.492B	0.700	2.92	19.4	3.22	0.503	0.483	0.342	0.400E	2.38	3.09	8
9	0.304B	0.500B	0.697	2.88	18.8	3.33	0.485	0.453	0.340	0.540E	2.38	2.98	9
10	0.308B	0.510B	0.710	2.75	17.8	3.24	0.470	0.430	0.370	0.520E	2.31	3.01	10
11	0.312B	0.522B	0.761	2.78	16.6	3.30	0.458	0.424	0.358	0.530E	2.29	2.95	11
12	0.315B	0.534B	0.767	2.73	16.0	3.32	0.487	0.447	0.371	0.560E	2.57	2.92E	12
13	0.320B	0.542B	0.794	2.84	14.9	3.29	0.476	0.445	0.374	0.600E	2.76	2.90E	13
14	0.324B	0.555B	0.781	2.94	13.7	3.20	0.466	0.402	0.378	0.660E	2.69	2.87E	14
15	0.328B	0.565B	0.770	2.94	13.0	3.19	0.497	0.414	0.342	0.675E	2.67	2.83E	15
16	0.333B	0.580B	0.766	3.00	12.1	3.20	0.488	0.428	0.343	0.690E	2.67	2.81E	16
17	0.338B	0.595B	0.787	3.55	11.4	3.16	0.490	0.433	0.329	0.700E	2.69	2.78E	17
18	0.334B	0.610B	0.777	4.37	10.6	3.11	0.505	0.435	0.321	0.710E	2.72	2.76E	18
19	0.348B	0.633	0.779	4.81	10.4	3.09	0.494	0.422	0.327	0.730E	2.63	2.74E	19
20	0.352B	0.644	0.772	5.18	11.3	3.13	0.494	0.429	0.314	0.780E	2.70	2.71E	20
21	0.360B	0.691	0.801	5.64	11.0	2.31	0.492	0.380	0.325	0.835E	2.84	2.69E	21
22	0.367B	0.667	0.754	5.74	10.7	0.705	0.453	0.382	0.332	0.740E	2.89	2.69E	22
23	0.374B	0.668	0.688	5.76	10.1	0.615	0.452	0.370	0.343	0.705E	2.99	2.85E	23
24	0.379B	0.676	0.682	6.19	9.72	0.562	0.460	0.372	0.327	0.690E	3.02	3.02E	24
25	0.382B	0.614	0.703	7.06	9.27	0.554	0.465	0.358	0.313	0.675E	2.93	3.25E	25
26	0.389B	0.659	1.98	8.82	8.71	0.551	0.448	0.358	0.302	0.665E	2.82	3.10E	26
27	0.398B	0.688	3.51	10.2	8.28	0.580	0.444	0.363	0.302	0.655E	2.68	3.02E	27
28	0.403B	0.659	3.33	10.8	7.77	0.574	0.445	0.353	0.327	0.650E	2.65	3.19E	28
29	0.411B		3.23	11.3	7.44	0.552	0.431	0.374	0.315	0.670A	2.65	3.06E	29
30	0.418B		3.13	12.4	7.07	0.587	0.447	0.380	0.315	0.625	2.61	3.02E	30
31	0.425B		3.01		6.80		0.456	0.375		0.653		2.96E	31
TOTAL	10.535	15.805	36.555	148.53	401.66	83.650	14.989	12.891	10.290	17.682	74.831	89.60	TOTAL
MEAN	0.340	0.564	1.18	4.95	13.0	2.79	0.484	0.416	0.343	0.570	2.49	2.89	MEAN
MAX	0.425	0.691	3.51	12.4	21.4	6.68	0.563	0.483	0.404	0.835	3.02	3.25	MAX
MIN	0.279	0.432	0.668	2.73	6.80	0.587	0.431	0.353	0.302	0.273	0.681	2.53	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.51
MAXIMUM DAILY, 21.4 ON MAY 6
MINIMUM DAILY, 0.273 ON OCT 2
MAXIMUM INSTANTANEOUS,
22.4 AT 15:07 EST ON MAY 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 01 38 N
LONG 79 34 41 W
DRAINAGE AREA, 256 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	910	JUL	1 300
FEB	1 370	AUG	1 110
MAR	3 160	SEP	889
APR	12 800	OCT	1 530
MAY	34 700	NOV	6 470
JUN	7 230	DEC	7 740

TOTAL DISCHARGE, 79 200 dam³

LAUREL CREEK AT WATERLOO - STATION NO. 02GA024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.117B	0.148B	0.144B	3.23	0.097	0.391	0.210E	0.080E	0.164	0.390	1.65	1.39	1
2	0.117B	0.146B	0.144B	2.52	0.080	0.291	0.160E	0.083E	0.251	0.273	2.07	0.948	2
3	0.117B	0.142B	0.145B	4.27	0.089	0.251	0.150E	0.085E	0.196	0.239	2.14	0.958	3
4	1.17	0.140B	0.146B	2.71	0.101	0.225	0.140E	4.60 E	0.151	0.231	1.81	1.92	4
5	0.505	0.141B	0.147B	2.23	0.095	0.607	0.152E	2.10 E	0.140	0.222	1.36	2.87	5
6	0.460	0.140B	0.148B	2.06	0.095	0.431	0.145E	0.669E	0.135	0.244	1.01	3.45	6
7	0.370B	0.140B	0.149B	2.02	0.093	0.426	0.136E	0.450E	0.116	0.868	0.554	1.98	7
8	0.311B	0.140B	0.150B	1.79	0.221	0.452	0.130E	0.300E	0.099	0.369	0.455	1.70	8
9	0.260B	0.140B	0.155B	1.80	0.090	0.385	0.125E	0.329E	0.094	0.285	0.426	1.40	9
10	0.225B	0.139B	0.170B	1.67	0.086	0.320	0.118E	0.258	0.089	0.260	0.338	0.930	10
11	0.206B	0.139B	0.375B	1.68	0.089	0.277	0.128E	0.216	0.083	0.427	0.955	0.621	11
12	0.185B	0.139B	0.439	1.74	0.083	0.229	0.120E	0.181	0.082	0.287	1.81	0.499	12
13	0.169B	0.139B	1.76	2.23	0.090	0.822	0.110E	0.161	0.098	0.282	1.48	0.681	13
14	0.150B	0.139B	1.42	1.78	0.078	0.282	0.102E	0.137	1.79	0.303	0.952	1.01	14
15	0.158B	0.170B	1.55	1.68	0.073	0.622	0.098E	0.120	0.379	0.323	0.663	1.17	15
16	0.165B	0.162B	1.71	2.02	0.065	0.458	0.093E	0.110	0.252	0.262	0.526	2.32	16
17	0.150B	0.153B	1.57	2.39	0.068	0.246	0.940E	0.102	0.243	0.236	0.479	1.40	17
18	0.139B	0.150B	1.36	1.66	0.075	0.506	0.820E	0.089	0.650	0.226	0.424	0.739	18
19	0.131B	0.149B	1.34	1.53	0.098	0.943	0.700E	0.121	0.254	0.229	0.394	0.607	19
20	0.122B	0.159B	1.45	2.27	0.131	0.603	0.500E	0.273	0.241	0.340	0.592	0.575	20
21	0.115B	0.170B	1.43	1.17	0.074	0.531	0.410E	0.150	0.239	0.268	1.94	0.557	21
22	0.112B	0.179B	1.62	1.28	0.108	0.454	0.340E	0.116	0.509	0.218	1.58	0.514	22
23	0.120B	0.163B	2.11 B	1.36	0.071	0.368	0.260E	0.193	1.13	0.210	1.52	0.682	23
24	0.124B	0.156B	2.48 B	1.34	0.069	0.322	0.190E	0.160	0.629	0.190	1.97	2.69	24
25	0.124B	0.152B	2.39	1.32	0.049	0.293	0.132E	2.38	1.04	0.194	1.32	4.93	25
26	0.124B	0.148B	1.89	1.31	0.037	0.280	0.100E	0.537	0.808	0.513	0.879	2.66	26
27	0.124B	0.144B	1.76 B	0.965	0.277	0.214	0.105E	0.482	1.28	1.78	0.630	2.23	27
28	0.144B	0.143B	1.45 B	0.156	0.984	0.220	0.160E	0.324	0.929	1.85	0.663	2.50	28
29	0.143B		1.27 B	0.148	0.188	0.743	0.125E	0.258	0.718	1.85	1.45	1.76	29
30	0.141B		2.72	0.087	0.278	0.248E	0.110E	0.212	0.390	1.75	1.73	1.12	30
31	0.140B		10.6		0.240		0.100E	0.181		1.65		1.37	31
TOTAL	6.638	4.170	44.192	52.416	4.272	12.440	7.109	15.457	13.179	16.769	33.770	48.181	TOTAL
MEAN	0.214	0.149	1.43	1.75	0.138	0.415	0.229	0.499	0.439	0.541	1.13	1.55	MEAN
MAX	1.17	0.179	10.6	4.27	0.984	0.943	0.940	4.60	1.79	1.85	2.14	4.93	MAX
MIN	0.112	0.139	0.144	0.087	0.037	0.214	0.093	0.080	0.082	0.190	0.338	0.499	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.708
MAXIMUM DAILY, 10.6 ON MAR 31
MINIMUM DAILY, 0.037 ON MAY 26
MAXIMUM INSTANTANEOUS,
27.2 AT 17:55 EST ON SEP 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 28 08 N
LONG 80 31 08 W
DRAINAGE AREA, 59.6 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	574	JUL	614
FEB	360	AUG	1 380
MAR	3 820	SEP	1 140
APR	4 530	OCT	1 450
MAY	369	NOV	2 920
JUN	1 070	DEC	4 160

TOTAL DISCHARGE, 22 300 dam³

LITTLE CASTOR RIVER NEAR EMBRUN - STATION NO. 02LB016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.173B	0.125B	0.067B	41.5 B	0.582	0.154	0.103	0.484	0.048	0.063	0.064	2.16	1
2	0.165B	0.115B	0.066B	23.4 B	0.522	0.220	0.091	0.205	0.083	0.077	0.066	3.54	2
3	0.170B	0.110B	0.065B	12.6 B	0.480	0.154	0.085	0.124	0.075	0.090	0.071	5.46	3
4	0.258B	0.105B	0.064B	11.6 B	0.443	0.129	0.094	0.083	0.068	0.094	0.646	6.75	4
5	0.438B	0.100B	0.063B	5.80 B	0.403	0.129	0.106	0.068	0.057	0.082	4.31	3.98	5
6	0.672B	0.095B	0.062B	3.45 B	0.378	0.139	0.107	0.055	0.059	0.070	3.06	3.31	6
7	0.677B	0.102B	0.061B	2.35 B	0.377	0.175	0.100	0.051	0.089	0.063	1.35	2.52	7
8	0.545B	0.095B	0.061B	1.72	0.396	0.153	0.087	0.046	0.090	0.064	0.738	1.48	8
9	0.462B	0.092B	0.060B	1.46	0.720	0.129	0.091	0.053	0.080	0.065	0.558	0.876B	9
10	0.315B	0.089B	0.060B	2.03	0.723	0.117	0.065	0.048	0.066	0.064	0.444	0.696B	10
11	0.220B	0.088B	0.072B	3.67	0.552	0.111	0.062	0.040	0.054	0.064	0.388	0.639	11
12	0.145B	0.086B	0.330B	3.80	0.469	0.108	0.382	0.037	0.051	0.062	0.452	0.516	12
13	0.140B	0.084B	0.390B	6.40	0.429	0.100	0.232	0.037	0.048	0.062	0.576	0.396	13
14	0.135B	0.082B	0.850B	7.71	0.404	0.101	0.107	0.036	0.047	0.071	0.497	0.358	14
15	0.130B	0.080B	0.736B	4.73	0.373	0.101	0.078	0.034	0.043	0.094	0.427	0.390	15
16	0.125B	0.079B	0.625B	4.41	0.347	0.117	0.061	0.031	0.044	0.103	0.367	3.01	16
17	0.120B	0.078B	0.515B	5.41	0.321	0.116	0.053	0.030	0.045	0.102	0.364	4.09	17
18	0.115B	0.077B	0.403B	4.98	0.287	0.091	0.052	0.038	0.049	0.089	0.331	2.07	18
19	0.110B	0.076B	0.670B	2.17	0.264	0.090	0.105	0.060	0.051	0.082	0.311	0.958	19
20	0.105B	0.075B	0.810B	2.80	0.267	0.099	0.089	0.064	0.053	0.078	0.299	0.635	20
21	0.099B	0.075B	1.09 B	9.86	0.231	0.138	0.066	0.059	0.049	0.073	0.317	0.524	21
22	0.095B	0.074B	1.35 B	2.85	0.201	0.259	0.051	0.065	0.041	0.069	0.403	0.444	22
23	0.090B	0.073B	1.20 B	1.94	0.178	0.430	0.044	0.072	0.040	0.065	0.444	0.397	23
24	0.088B	0.072B	1.17 B	1.36	0.191	0.410	0.041	0.073	0.044	0.061	0.700	0.388	24
25	0.086B	0.071B	1.28 B	1.16	0.211	0.336	0.039	0.260	0.054	0.065	0.795	1.43	25
26	0.086B	0.070B	2.23 B	1.01	0.184	0.276	0.042	0.789	0.056	0.065	0.616	12.5 B	26
27	0.086B	0.069B	2.80 B	0.971	0.165	0.232	0.034	0.390	0.057	0.062	0.495B	4.60	27
28	0.085B	0.068B	3.50 B	0.874	0.154	0.182	0.033	0.204	0.065	0.060	0.395B	3.56	28
29	0.085B		2.91 B	0.752	0.149	0.146	0.039	0.110	0.070	0.063	0.432	5.89	29
30	0.086B		3.85 B	0.650	0.142	0.126	0.036	0.075	0.070	0.063	0.802	2.61	30
31	0.090B		11.5 B		0.136		0.085	0.059		0.058		1.01 B	31
TOTAL	6.204	2.405	38.910	174.117	10.679	5.068	2.660	3.780	1.746	2.243	30.718	77.187	TOTAL
MEAN	0.200	0.086	1.26	5.80	0.344	0.169	0.086	0.122	0.058	0.072	0.691	2.49	MEAN
MAX	0.677	0.125	11.5	41.5	0.723	0.430	0.382	0.789	0.090	0.103	4.31	12.5	MAX
MIN	0.085	0.068	0.060	0.650	0.136	0.090	0.033	0.030	0.040	0.058	0.064	0.358	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.947
MAXIMUM DAILY, 41.5B ON APR 1
MINIMUM DAILY, 0.030 ON AUG 17

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 17 N
LONG 75 13 06 W
DRAINAGE AREA, 76.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	536	JUL	230
FEB	208	AUG	327
MAR	3 360	SEP	151
APR	15 000	OCT	194
MAY	923	NOV	1 790
JUN	438	DEC	6 670

TOTAL DISCHARGE, 29 800 dam³

LITTLE CURRENT RIVER AT PERCY LAKE - STATION NO. 04JF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.40B	7.10B	6.80B	6.60B	9.20B	130	74.9	57.7	38.7	38.6	61.8	42.5B	1
2	6.50B	7.10B	6.75B	6.60B	10.0 B	126	73.7	56.0	38.7	38.5	61.2	40.0B	2
3	6.60B	7.00B	6.70B	6.60B	11.8 B	122	72.3	54.3	38.8	39.6	60.6	39.0B	3
4	6.60B	7.00B	6.70B	6.60B	14.5 B	118	70.7	53.4	38.6	39.5	60.1	39.0B	4
5	6.70B	7.00B	6.70B	6.60B	20.0 B	114	69.2	52.0	38.4	39.9	60.5	39.0B	5
6	6.70B	7.00B	6.65B	6.60B	35.3	109	68.9	50.8	37.9	39.7	60.6	39.0B	6
7	6.70B	7.00B	6.65B	6.65B	46.4	104	70.2	49.3	37.4	39.9	59.6	39.5B	7
8	6.80B	7.00B	6.65B	6.70B	58.9	101	72.3	50.8	37.1	40.7	59.4	40.0B	8
9	6.80B	7.00B	6.60B	6.75B	71.0	95.9	73.2	51.7	37.0	40.9	58.5	40.0B	9
10	6.80B	7.00B	6.60B	6.80B	81.9	93.8	74.1	52.0	36.7	41.6	57.6	39.0B	10
11	6.95B	6.95B	6.60B	6.85B	93.9	92.8	74.9	51.8	36.4	42.6	57.4	38.0B	11
12	7.00B	6.95B	6.60B	6.95B	106	90.9	75.2	51.6	36.2	43.9	56.9	36.5B	12
13	7.00B	6.95B	6.60B	7.00B	115	89.0	75.3	51.0	36.3	45.5	55.5B	35.0B	13
14	7.00B	6.95B	6.60B	7.00B	125	87.3	75.0	50.3	36.3	48.1	54.5B	33.5B	14
15	7.00B	6.95B	6.60B	7.00B	137	85.7	74.8	49.3	36.5	50.7	53.5B	32.5B	15
16	7.00B	6.95B	6.60B	7.10B	186	83.8	74.7	48.1	36.3	52.4	52.5B	31.5B	16
17	7.10B	6.95B	6.60B	7.10B	153	83.0	75.0	47.1	36.1	54.2	51.0B	30.5B	17
18	7.10B	6.95B	6.60B	7.20B	158	81.8	75.5	46.3	35.9	56.3	50.0B	30.0B	18
19	7.10B	6.90B	6.60B	7.20B	162	80.4	74.7	45.8	35.6	58.0	49.0B	29.0B	19
20	7.10B	6.90B	6.55B	7.25B	166	79.3	73.7	45.5	35.8	59.6	48.0B	28.5B	20
21	7.10B	6.80B	6.55B	7.30B	169	78.9	72.0	45.0	35.9	60.9	47.5B	28.0B	21
22	7.10B	6.80B	6.55B	7.40B	170	78.9	70.9	44.4	36.1	61.6	48.0B	27.2B	22
23	7.10B	6.80B	6.50B	7.50B	170	78.4	69.3	44.0	36.1	62.3	49.0B	26.8B	23
24	7.10B	6.80B	6.50B	7.60B	167	78.2	68.0	43.6	35.7	63.1	50.0B	26.3B	24
25	7.10B	6.80B	6.50B	7.70B	164	78.7	67.9	43.1	36.0	63.1	50.5B	26.0B	25
26	7.10B	6.80B	6.45B	7.80B	161	78.9	66.8	42.6	36.5	63.1	51.0B	25.5B	26
27	7.10B	6.80B	6.45B	8.00B	156	78.3	65.9	41.9	36.2	62.9	50.5B	25.2B	27
28	7.10B	6.80B	6.45B	8.10B	151	78.1	64.8	40.9	36.3	62.5	50.0B	24.8B	28
29	7.10B		6.50B	8.30B	146	76.9	63.7	40.2	37.5	62.5	48.0B	24.4B	29
30	7.10B		6.55B	8.70B	139	75.7	61.4	39.8	38.6	62.6	45.0B	24.0B	30
31	7.10B		6.60B		133		59.6	39.2		62.5		23.7B	31
TOTAL	215.05	194.00	204.35	215.55	3 446.90	2 748.7	2 197.2	1 479.5	1 105.6	1 597.3	1 617.7	1 003.9	TOTAL
MEAN	6.94	6.93	6.59	7.19	111	91.6	70.9	47.7	36.9	51.5	53.9	32.4	MEAN
MAX	7.10	7.10	6.80	8.70	170	130	75.5	57.7	38.8	63.1	61.8	42.5	MAX
MIN	6.40	6.80	6.45	6.60	9.20	75.7	59.6	39.2	35.6	38.5	45.0	23.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.9
MAXIMUM DAILY, 170 ON MAY 22
MINIMUM DAILY, 6.40B ON JAN 1
MAXIMUM INSTANTANEOUS,
170 AT 11:30 EST ON MAY 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 39 30 N
LONG 86 31 55 W
DRAINAGE AREA, 5 360 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 600	JUL	190 000
FEB	16 800	AUG	128 000
MAR	17 700	SEP	95 500
APR	18 600	OCT	138 000
MAY	298 000	NOV	140 000
JUN	237 000	DEC	86 700

TOTAL DISCHARGE, 1 380 000 dam³

LITTLE DON RIVER AT DON MILLS - STATION NO. 02HC029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.10	0.515B	0.650B	6.19	0.763	2.04	0.879	0.563	0.601	0.715	2.45	1.25	1
2	0.819	0.510B	0.580B	2.12	0.769	0.714	0.758	0.807	1.39	0.652	6.35	1.45	2
3	0.885	0.505B	0.590B	13.6	0.744	0.604	0.697	0.714	0.989	0.641	6.86	1.34	3
4	13.2	0.500B	0.620B	3.96	0.729	0.587	0.647	3.33	0.560	0.639	10.4	2.96	4
5	2.38	0.495B	0.800B	1.51	0.741	6.32	0.603	0.675	0.520	0.624	3.51	3.14	5
6	1.29	0.490B	0.690B	1.42	0.739	5.62	0.588	0.586	0.528	0.612	1.48	3.58	6
7	0.962	0.487B	0.650B	0.796	0.811	1.51	0.578	0.551	0.541	6.13	1.09	1.41	7
8	0.711	0.485B	0.620B	0.829	2.99	0.897	0.622	1.80	0.520	2.45	0.970	1.08	8
9	0.680B	0.484B	0.640B	0.921	0.895	0.767	0.560	1.42	0.537	0.942	0.878	0.927	9
10	0.640B	0.483B	0.660B	0.953	0.711	0.866	0.544	0.611	0.509	0.744	0.820	0.891	10
11	0.620B	0.482B	4.62	1.05	0.666	0.751	0.535	0.555	0.524	2.22	1.61	0.884	11
12	0.600B	0.500B	3.61	1.16	0.649	0.618	0.535	0.541	0.511	1.00	1.55	0.727	12
13	0.590B	0.550B	21.3	1.25	0.645	2.50	0.494	0.536	0.504	0.800	1.00	0.692	13
14	0.575B	0.610B	13.8	1.33	0.613	0.772	0.496	0.537	8.78	0.820	0.808	0.777	14
15	0.565B	1.10 B	8.48	1.35	0.594	3.35	0.486	0.537	3.39	0.883	0.758	1.41	15
16	0.560B	1.30 B	6.52	1.61	0.587	2.71	0.502	0.531	1.02	0.713	0.742	5.92	16
17	0.555B	0.860B	9.47	4.33	0.582	0.868	3.04	0.533	0.736	0.659	0.740	1.17	17
18	0.545B	0.690B	4.89	1.76	0.569	0.725	1.82	0.498	4.93	0.628	0.710	1.02	18
19	0.540B	1.05 B	6.45	1.23	1.51	2.26	1.66	0.641	0.917	0.692	0.697	1.07	19
20	0.530B	1.12 B	3.39	6.38	1.07	1.19	0.638	2.99	0.714	1.84	0.826	1.19	20
21	0.525B	1.30 B	5.49	2.58	0.571	2.37	0.580	0.601	0.630	0.881	5.26	1.08	21
22	0.520B	0.920B	7.33	1.36	0.702	1.52	0.552	1.15	1.42	0.661	1.91	0.994	22
23	0.560B	0.750B	7.64	1.13	1.78	1.23	0.525	2.85	2.49	0.634	2.41	2.10	23
24	0.550B	0.650B	6.65	1.07	0.758	0.765	0.536	1.32	2.07	0.616	4.38	7.69	24
25	0.520B	0.590B	4.83	0.962	0.648	2.01	0.517	13.6	1.82	0.604	1.36	13.5	25
26	0.525B	0.640B	3.82	0.918	0.620	5.43	0.518	1.17	0.853	0.609	1.26	6.03	26
27	0.530B	0.690B	1.64	0.903	0.649	1.19	0.812	0.715	5.17	0.614	1.01	2.09	27
28	0.545B	0.670B	1.35	0.839	2.84	0.899	5.82	0.627	1.78	0.631	2.02	4.45	28
29	0.559B		2.78	0.794	0.752	8.77	0.793	0.577	0.930	0.596	4.04	2.15	29
30	0.540B		3.62	0.775	0.908	1.50	0.622	0.982	0.769	0.588	1.92	1.31	30
31	0.530B		18.1		0.792		0.594	0.700		1.10		1.08	31
TOTAL	37.251	19.426	157.280	65.040	28.397	61.353	28.551	43.248	46.661	31.938	69.819	75.362	TOTAL
MEAN	1.20	0.694	5.07	2.17	0.916	2.05	0.921	1.40	1.56	1.03	2.33	2.43	MEAN
MAX	13.2	1.30	21.3	13.6	2.99	8.77	5.82	13.6	8.78	6.13	10.4	13.5	MAX
MIN	0.520	0.482	0.580	0.775	0.569	0.587	0.486	0.498	0.504	0.588	0.697	0.692	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.82
MAXIMUM DAILY, 21.3 ON MAR 13
MINIMUM DAILY, 0.482B ON FEB 11
MAXIMUM INSTANTANEOUS,
48.7 AT 18:37 EST ON SEP 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 45 27 N
LONG 79 20 42 W
DRAINAGE AREA, 130 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 220	JUL	2 470
FEB	1 680	AUG	3 740
MAR	13 600	SEP	4 030
APR	5 620	OCT	2 760
MAY	2 450	NOV	6 030
JUN	5 300	DEC	6 510

TOTAL DISCHARGE, 57 400 dam³

LITTLE FRENCH RIVER AT OKIKENDAWT ISLAND - STATION NO. 02DD020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.2	22.5E	16.3	19.2	61.8	17.9	19.1	17.5	13.7	16.1	64.2	58.5	1
2	33.5E	22.3	16.3	20.8	62.5	17.7	19.1	17.2	14.0	16.5	62.8	58.0	2
3	32.5E	22.0E	16.0	21.2	63.0	18.3	19.1	16.9	15.0	16.4	62.8	58.5	3
4	31.5E	21.4	15.9	23.8	64.6	18.1	19.1	17.0	15.2	16.5	63.3	58.8	4
5	30.5	21.1	16.1	24.2	65.1	18.1	19.0	16.9	15.0	16.6	63.1	59.8	5
6	30.0E	21.0E	16.2	24.5	65.8	18.2	18.9	16.7	15.3	16.6	61.4	62.4	6
7	29.5E	21.0E	16.1	24.6	66.6	18.1	19.1	16.4	15.3	16.7	61.2	62.6	7
8	28.9	20.9	16.1	24.8	66.7	18.3	20.0	16.6	15.2	18.6	61.0	63.5	8
9	28.5E	19.8	16.1	24.9	67.5	18.3	19.8	16.5	15.1	18.6	59.8	63.9	9
10	28.5E	19.5	16.1	25.3	67.2	18.2	18.8	16.5	14.8	18.8	59.6	62.6	10
11	28.5E	19.5	16.2	25.7	66.9	18.4	18.8	16.4	14.8	19.0	59.4	62.5	11
12	28.5	19.3	16.2	26.1	66.8	18.6	18.8	16.2	14.8	19.1	59.2	63.3	12
13	28.0E	19.2	16.2	26.5	66.6	18.6	18.9	16.0	14.8	19.3	59.4	63.2	13
14	28.7	19.1	16.2	29.0	66.6	18.7	18.8	16.0	15.1	19.6	59.4	63.1	14
15	28.0	19.0	16.4	30.0	66.9	18.7	19.1	16.0	15.4	19.8	59.8	63.1	15
16	27.5E	18.3	16.6	30.7	64.8	18.9	19.1	16.0	15.2	20.4	60.0	62.5	16
17	27.5E	18.1	16.7	31.6	64.6	18.9	19.1	16.1	15.2	20.3	59.5	62.0	17
18	27.0E	17.5	16.8	31.6	64.5	18.8	18.7	16.0	15.2	20.3	59.4	61.9	18
19	27.0	17.2	16.8	33.4	64.3	18.9	18.7	15.7	15.6	19.9	59.3	61.3	19
20	26.5E	17.2	16.9	45.1	64.0	19.2	18.6	15.7	15.6	19.7	59.0	61.0	20
21	26.0E	17.2E	17.0	49.1	32.6	19.2	18.5	14.7	15.5	57.6	58.9	60.7	21
22	25.3	17.2	16.9	49.3	21.4	19.0	18.4	14.3	15.5	60.1	58.6	58.9	22
23	25.0E	16.8	16.8	50.4	18.3	19.3	18.5	14.8	15.4	68.0	58.5	58.7	23
24	25.0E	16.8	16.9	51.6	17.4	19.1	18.1	14.5	15.4	67.8	59.4	58.8	24
25	24.5E	16.4	16.9	54.1	17.2	19.1	18.1	14.4	15.6	67.5	59.3	59.7	25
26	24.3	16.3	17.4	54.4	17.0	19.1	18.1	14.3	15.7	66.9	59.0	62.3	26
27	23.5E	16.2	17.4	56.5	17.4	19.3	17.9	14.2	15.9	66.6	58.6	62.5	27
28	23.5E	16.3	17.4	57.0	17.2	19.3	17.7	14.1	15.8	66.4	58.4	62.9	28
29	22.7		17.4	59.0	17.4	19.3	18.1	14.0	16.0	65.8	58.9	63.9	29
30	22.5E		17.6	60.9	17.2	19.2	17.7	13.9	16.1	65.2	58.9	64.1	30
31	22.5E		17.8		17.2		17.5	13.9		64.3		65.0	31
TOTAL	850.6	529.1	515.7	1 085.3	1 517.1	560.8	579.2	485.4	457.2	1 085.0	1 802.1	1 910.0	TOTAL
MEAN	27.4	18.9	16.6	36.2	48.9	18.7	18.7	15.7	15.2	35.0	60.1	61.6	MEAN
MAX	35.2	22.5	17.8	60.9	67.5	19.3	20.0	17.5	16.1	68.0	64.2	65.0	MAX
MIN	22.5	16.2	15.9	19.2	17.0	17.7	17.5	13.9	13.7	16.1	58.4	58.0	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.2
MAXIMUM DAILY, 68.0 ON OCT 23
MINIMUM DAILY, 13.7 ON SEP 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 07 23 N
LONG 80 04 44 W

E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	73 500	JUL	50 000
FEB	45 700	AUG	41 900
MAR	44 600	SEP	39 500
APR	93 800	OCT	93 700
MAY	131 000	NOV	156 000
JUN	48 500	DEC	165 000

TOTAL DISCHARGE, 983 000 dam³

REMARKS - REPLACES STATIONS 02DD018 AND 02DD019 AS PART OF FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

LITTLE MAITLAND RIVER AT BLUEVALE - STATION NO. 02FE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.48B	1.38B	1.00 B	110	3.07	1.21	1.51	0.626	0.692	2.79	2.97	17.2	1
2	1.77B	1.34B	0.995B	49.1	2.89	1.18 E	1.27	0.860	0.793	1.61	4.90	12.4	2
3	2.08B	1.32B	0.992B	42.3	2.64	1.16 E	1.18	1.11	0.875	1.27	10.2	10.6	3
4	2.60B	1.29B	1.02 B	38.0	2.46	1.14 E	1.13	1.33	0.843	0.493	8.79	14.0	4
5	3.41B	1.28B	1.06 B	43.6	2.31	1.12 E	1.01	1.45	0.757	0.456	6.92	16.8	5
6	5.64B	1.26B	1.05 B	44.7	2.17	1.41 E	0.981	1.08	0.680	0.462	5.42	20.9	6
7	4.46B	1.24B	1.03 B	53.3	2.09	2.38 E	0.902	1.06	0.657	0.438	4.47	21.0	7
8	3.59B	1.22B	1.01 B	55.6	2.15	3.40 E	0.815	0.955	0.602	0.441	4.11	13.7	8
9	3.18B	1.20B	0.992B	50.2	2.05	2.42 E	0.740	0.877	0.530	0.457	3.85	9.89	9
10	2.92B	1.19B	0.975B	48.4	1.89	1.78 E	0.679	0.787	0.507	0.461	3.26	7.90B	10
11	2.71B	1.17B	1.00 B	56.5	1.80	1.31 E	0.670	0.726	0.458	0.493	3.07	6.84	11
12	2.53B	1.16B	1.88 B	61.5	0.777	1.12	0.674	0.635	0.465	0.497	6.25	5.54B	12
13	2.35B	1.14B	2.92 B	45.6	0.435	1.00	0.733	0.584	0.426	0.486	11.3	4.54B	13
14	2.24B	1.13B	6.44 B	38.0	1.35	0.865	0.673	0.530	0.398	0 493	10.5	4.72B	14
15	2.12B	1.12B	10.4 B	43.8	1.36	0.849	0.597	0.496	0.410	0.575	7.53	4.88	15
16	2.03B	1.11B	12.2 B	46.0	1.31	2.11	0.554	0.469	0.438	0.701	5.54	10.4	16
17	1.97B	1.10B	15.3 B	35.9	1.38	3.09	0.660	0.450	0.479	0.931	4.63	12.6 B	17
18	1.88B	1.27B	18.2 B	25.0	1.39	2.18	1.54	0.413	0.711	1.01	4.24	9.18B	18
19	1.83B	1.34B	21.9 B	15.5	1.31	4.66	2.00	0.383	0.922	0.939	4.36	7.43	19
20	1.76B	1.23B	23.1 B	12.0	1.54	16.2	1.30	0.401	0.932	0.860	5.13	5.79	20
21	1.70B	1.16B	26.2 B	13.5	1.63	13.7	0.958	0.401	0.776	0.925	10.7	5.12	21
22	1.66B	1.10B	22.6 B	11.0	1.39	11.3	0.795	0.426	0.718	0.932	17.7	4.74	22
23	1.62B	1.08B	20.4 B	8.36	1.26	8.51	0.678	0.472	1.24	0.870	15.3	4.70	23
24	1.87B	1.06B	19.5 B	6.85	1.21	3.78	0.583	0.467	0.822	0.804	16.5	13.3	24
25	2.38B	1.05B	23.7 B	5.71	1.19	3.91	0.512	1.00	0.914	0.768	16.0	38.9	25
26	1.90B	1.04B	20.9 B	4.92	1.14	2.98	0.506	1.82	1.38	0.744	11.2	41.7	26
27	1.66B	1.03B	17.8 B	4.53	1.09	2.47	0.503	1.79	2.04	0.724	8.25	26.3	27
28	1.54B	1.02B	15.3 B	4.32	1.40	2.41	0.689	1.22	3.51	0.715	6.69	17.2	28
29	1.45B		12.2 B	3.72	2.13	1.85	0.800	0.895	4.02	0.717	11.3	14.6	29
30	1.43B		17.1	3.34	1.91	1.75	0.786	0.784	3.00	0.692	18.1	11.1 B	30
31	1.39B		77.3		1.60		0.691	0.730		0.708		8.50B	31
TOTAL	71.15	33.03	396.464	981.25	52.322	103.244	27.119	25.227	30.995	24.462	249.18	402.47	TOTAL
MEAN	2.30	1.18	12.8	32.7	1.69	3.44	0.875	0.814	1.03	0.789	8.31	13.0	MEAN
MAX	5.64	1.38	77.3	110	3.07	16.2	2.00	1.82	4.02	2.79	18.1	41.7	MAX
MIN	1.39	1.02	0.975	3.34	0.435	0.849	0.503	0.383	0.398	0.438	2.97	4.54	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.57
MAXIMUM DAILY, 110 ON APR 1
MINIMUM DAILY, 0.383 ON AUG 19
MAXIMUM INSTANTANEOUS,
138 AT 02:56 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 15 N
LONG 81 15 00 W
DRAINAGE AREA, 326 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 150	JUL	2 340
FEB	2 850	AUG	2 180
MAR	34 300	SEP	2 680
APR	84 800	OCT	2 110
MAY	4 520	NOV	21 500
JUN	8 920	DEC	34 800

TOTAL DISCHARGE, 207 000 dam³

LITTLE OTTER CREEK NEAR STRAFFORDVILLE - STATION NO. 02GC015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.36	0.910B	0.805B	8.54	1.40	2.93	1.64	0.730	0.722	1.24	0.928	2.36E	1
2	1.45	0.900B	0.820B	5.48	1.37	3.02	1.42	0.947	0.723	1.19	3.39 E	2.06	2
3	1.35	0.890B	0.860B	5.27	1.32	2.10	1.30	0.997	0.731	1.17	3.78 E	2.01	3
4	3.62	0.880B	0.920B	5.60	1.28	1.77	1.27	0.852	0.729	1.15	3.45 E	2.60	4
5	4.54	0.870B	0.960B	3.94	1.23	2.02	1.25	0.797	0.714	1.07	3.17 E	3.10	5
6	2.46	0.860B	0.920B	3.55	1.20	3.60	1.15	0.754	0.700	0.944	2.13 E	5.74	6
7	1.99	0.855B	0.900B	3.06	1.18	2.93	1.07	0.727	0.689	0.929	1.71 E	3.51	7
8	1.70	0.850B	0.890B	3.22	1.49	2.24	1.01	0.909	0.662	0.994	1.45 E	2.53	8
9	1.50 B	0.847B	0.880B	3.42	1.48	1.84	0.959	1.26	0.656	0.986	1.38 E	2.24	9
10	1.35 B	0.843B	0.880B	3.59	1.31	1.56	0.920	1.01	0.638	0.925	1.22 E	2.02	10
11	1.25 B	0.830B	1.70	3.47	1.23	1.37	0.887	0.864	0.633	0.897	1.48 E	1.89	11
12	1.17 B	0.825B	3.96	3.70	1.17	1.24	0.871	0.800	0.604	0.873	2.64 E	1.71	12
13	1.10 B	0.820B	9.93	3.69	1.13	1.16	0.872	0.774	0.583	0.849	2.58 E	1.50B	13
14	1.06 B	0.825B	20.8 E	3.44	1.09	1.11	0.835	0.758	0.577	0.865	1.96 E	1.46	14
15	1.02 B	0.830B	10.8 E	2.88	1.00	1.10	0.800	0.746	0.608	0.859	1.67 E	1.59	15
16	0.980B	0.840B	8.80 E	2.63	0.985	1.29	0.763	0.731	0.608	0.856	1.46 E	3.91	16
17	0.950B	0.840B	10.4	2.79	0.979	1.22	0.739	0.721	0.606	0.851	1.36 E	3.37	17
18	0.933B	0.838B	7.43	2.85	0.989	1.12	0.750	0.712	0.630	0.837	1.28 E	2.22	18
19	0.900B	0.835B	5.98	2.49	0.980	1.10	0.732	0.696	0.650	0.821	1.22 E	2.08	19
20	0.875B	0.830B	5.69	2.43	1.03	1.24	0.688	0.695	0.631	0.814	1.39 E	2.21	20
21	0.860B	0.825B	6.12	2.87	0.955	8.42	0.637	0.670	0.621	0.849	4.36 E	2.11	21
22	0.840B	0.820B	5.46	2.43	0.923	3.84	0.582	0.649	0.748	0.844	4.87 E	1.91	22
23	0.960B	0.815B	5.64	2.13	0.941	4.45	0.547	0.663	1.47	0.795	2.97 E	2.01	23
24	1.05 B	0.810B	5.62	1.96	0.941	2.50	0.530	0.675	1.30	0.798	3.37 E	5.37	24
25	0.990B	0.805B	5.27	1.82	0.926	1.91	0.517	0.809	1.30	0.774	2.77 E	7.46	25
26	0.980B	0.800B	4.49	1.73	0.915	2.32	0.489	0.936	1.35	0.774	2.17 E	7.64	26
27	0.965B	0.800B	3.77	1.67	1.05	2.79	0.598	0.856	1.57	0.715	1.98 E	4.97	27
28	0.950B	0.800B	3.19	1.55	3.99	1.97	0.879	0.787	2.00	0.745	1.95 E	5.18	28
29	0.940B		3.05	1.48	4.48	2.58	0.800	0.746	1.61	0.739	3.06 E	4.53	29
30	0.930B		3.59	1.43	2.46	2.29	0.728	0.733	1.34	0.727	3.11 E	3.26	30
31	0.920B		8.40		1.92		0.781	0.729		0.734		2.58	31
TOTAL	41.943	23.493	148.925	95.11	43.344	65.03	27.014	24.733	26.403	27.614	70.258	97.13	TOTAL
MEAN	1.35	0.839	4.80	3.17	1.40	2.17	0.871	0.798	0.880	0.891	2.34	3.13	MEAN
MAX	4.54	0.910	20.8	8.54	4.48	4.45	1.64	1.26	2.00	1.24	4.87	7.64	MAX
MIN	0.840	0.800	0.805	1.43	0.915	1.10	0.489	0.649	0.577	0.715	0.928	1.46	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.89
MAXIMUM DAILY, 20.8E ON MAR 14
MINIMUM DAILY, 0.489 ON JUL 26
MAXIMUM INSTANTANEOUS,
25.6E AT 05:47 EST ON MAR 14

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 45 23 N
LONG 80 48 26 W
DRAINAGE AREA, 104 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 620	JUL	2 330
FEB	2 030	AUG	2 140
MAR	12 900	SEP	2 280
APR	8 220	OCT	2 390
MAY	3 740	NOV	6 070
JUN	5 620	DEC	8 390

TOTAL DISCHARGE, 59 700 dam³

REMARKS - THE DISCHARGE IS AFFECTED BY PUMPING FOR IRRIGATION DURING THE SUMMER MONTHS

LITTLE PIC RIVER NEAR COLDWELL - STATION NO. 02BA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.70B	2.54B	2.46B	2.50B	95.1	20.1	11.2	9.47	5.06	19.2	26.5	30.8	1
2	2.69B	2.54B	2.45B	2.50B	104	19.7	10.5	8.90	6.26	16.9	24.4	27.1	2
3	2.68B	2.53B	2.45B	2.50B	110	18.5	9.84	9.88	8.20	19.7	22.7	30.5	3
4	2.68B	2.53B	2.45B	2.51B	127	17.5	9.22	11.1	8.24	19.2	21.7	30.5	4
5	2.67B	2.53B	2.45B	2.51B	182	16.1	8.70	10.4	7.82	17.5	21.1	28.3	5
6	2.67B	2.52B	2.44B	2.52B	189	15.1	13.0	9.65	7.50	17.8	20.4	26.9	6
7	2.66B	2.52B	2.44B	2.52B	152	14.9	20.4	9.03	7.09	60.3	19.5	23.0	7
8	2.66B	2.52B	2.44B	2.53B	122	14.5	27.0	8.66	6.77	61.2	18.8	20.8	8
9	2.65B	2.51B	2.44B	2.54B	106	13.8	26.5	8.88	6.66	46.1	18.0	19.5	9
10	2.65B	2.51B	2.43B	2.56B	126	28.0	23.6	9.64	6.61	40.0	16.8	18.3 B	10
11	2.64B	2.51B	2.43B	2.60B	112	27.4	37.3	9.37	6.56	48.5	17.3	17.3 B	11
12	2.64B	2.50B	2.43B	2.64B	89.5	22.9	59.0	8.68	7.89	43.3	17.5	16.6 B	12
13	2.63B	2.50B	2.43B	2.69B	87.3	20.9	45.9	8.10	9.19	46.3	14.9	15.8 B	13
14	2.62B	2.50B	2.44B	2.82B	83.0	20.9	35.3	7.60	9.82	42.2	12.3	15.1 B	14
15	2.62B	2.49B	2.44B	3.00B	70.3	21.5	28.6	7.26	9.40	38.2	13.7	14.6 B	15
16	2.61B	2.49B	2.45B	3.34B	66.3	20.1	26.4	6.99	8.79	33.8	15.6	14.1 B	16
17	2.61B	2.49B	2.45B	3.75B	60.8	18.7	28.0	6.68	8.45	29.8	15.8	13.6 B	17
18	2.60B	2.48B	2.45B	4.30B	58.9	17.7	27.9	6.47	8.66	27.2	16.2	13.2 B	18
19	2.60B	2.48B	2.46B	4.95B	54.6	16.5	25.0	7.00	10.5	28.9	20.6	12.7 B	19
20	2.59B	2.48B	2.46B	5.75B	50.3	15.4	22.3	7.37	13.8	29.8	69.0	12.4 B	20
21	2.59B	2.48B	2.47B	6.84	45.4	14.7	20.2	7.08	13.0	28.7	137	12.0 B	21
22	2.58B	2.47B	2.47B	9.00	41.1	16.5	18.8	6.78	11.8	27.1	94.7	11.7 B	22
23	2.58B	2.47B	2.47B	16.6	37.0	17.2	17.4	6.70	10.7	26.9	70.5	11.4 B	23
24	2.57B	2.47B	2.48B	33.1	33.2	16.4	16.0	6.90	11.9	27.9	59.3	11.1 B	24
25	2.57B	2.46B	2.48B	36.4	30.1	15.7	14.9	6.65	13.3	30.5	54.1	10.8 B	25
26	2.57B	2.46B	2.48B	36.4	27.5	15.1	13.9	6.25	12.5	29.8	48.5	10.6 B	26
27	2.56B	2.46B	2.48B	39.3	25.5	14.2	13.1	5.94	11.7	27.8	44.1	10.4 B	27
28	2.56B	2.46B	2.49B	48.1	23.5	13.6	12.4	5.64	11.2	26.5	40.0B	10.2 B	28
29	2.55B		2.49B	61.2	21.9	12.9	11.5	5.40	14.5	29.0	36.7B	10.1 B	29
30	2.55B		2.49B	80.3	20.6	12.0	10.7	5.27	21.3	33.4	33.8B	9.90B	30
31	2.54B		2.50B		19.7		10.0	5.14		29.7		9.60B	31
TOTAL	81.09	69.90	76.19	428.27	2 371.6	528.5	654.56	238.88	295.17	999.2	1 041.5	518.90	TOTAL
MEAN	2.62	2.50	2.46	14.3	76.5	17.6	21.1	7.71	9.84	32.2	34.7	16.7	MEAN
MAX	2.70	2.54	2.50	80.3	189	28.0	59.0	11.1	21.3	61.2	137	30.8	MAX
MIN	2.54	2.46	2.43	2.50	19.7	12.0	8.70	5.14	5.06	16.9	12.3	9.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.0
MAXIMUM DAILY, 189 ON MAY 6
MINIMUM DAILY, 2.43B ON MAR 10
MAXIMUM INSTANTANEOUS,
198 AT 23:52 EST ON MAY 5

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 57 N
LONG 86 36 26 W
DRAINAGE AREA, 1 320 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 010	JUL	56 600
FEB	6 040	AUG	20 600
MAR	6 580	SEP	25 500
APR	37 000	OCT	86 300
MAY	205 000	NOV	90 000
JUN	45 700	DEC	44 800

TOTAL DISCHARGE, 631 000 dam³

LITTLE ROUGE CREEK NEAR LOCUST HILL - STATION NO. 02HC028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.10 B	0.222B	0.256B	5.00 E	0.370E	0.295	0.868	0.248	0.237	0.452	0.673	1.85	1
2	7.40 B	0.223B	0.258B	3.50 A	0.350E	0.289	0.534	0.243	0.245	0.395	4.05	1.43	2
3	7.50 B	0.222B	0.256B	6.00 E	0.340E	0.247	0.399	0.265	0.259	0.359	6.02	1.36	3
4	1.80 B	0.220B	0.255B	2.00 E	0.330E	0.206	0.349	0.283	0.234	0.352	8.10	2.11	4
5	3.50 B	0.218B	0.252B	1.10 E	0.320E	0.228	0.291	0.277	0.205	0.323	5.28	1.83	5
6	2.00 B	0.214B	0.250B	0.680E	0.320E	1.19	0.242	0.245	0.201	0.302	2.03	3.81	6
7	1.30 B	0.208B	0.252B	0.600E	0.310E	0.836	0.212	0.239	0.202	0.906	1.32	1.75	7
8	0.900B	0.204B	0.256B	0.580E	0.410E	0.523	0.225	0.258	0.200	3.35	1.03	1.11	8
9	0.700B	0.200B	0.258B	0.550E	0.360E	0.378	0.184	0.489	0.180	1.20	0.822	0.740B	9
10	0.520B	0.189B	0.270B	0.530E	0.340E	0.301	0.169	0.238	0.165	0.691	0.713	0.580B	10
11	0.450B	0.185B	0.400B	0.590E	0.320E	0.283	0.151	0.194	0.157	0.624	0.706	0.520B	11
12	0.390B	0.190B	0.800B	0.540E	0.310E	0.251	0.132	0.169	0.157	0.695	0.924E	0.495B	12
13	0.350B	0.205B	3.00 B	0.600E	0.300E	0.215	0.112	0.166	0.162	0.574	0.866E	0.480B	13
14	0.320B	0.230B	13.0 B	0.880E	0.290E	0.219	0.108	0.154	0.602	0.510	0.727E	0.520B	14
15	0.300B	0.300B	12.0 B	0.760E	0.280E	0.226	0.115	0.161	0.699	0.619	0.661E	0.567	15
16	0.280B	0.600B	10.0 B	0.600E	0.280E	2.50	0.113	0.153	0.411	0.647	0.588	2.76	16
17	0.265B	0.450B	8.30 B	1.20 E	0.280E	0.947	0.145	0.148	0.318	0.577	0.592	1.20 B	17
18	0.250B	0.350B	6.50 B	1.65 E	0.270E	0.518	0.794	0.135	0.884	0.496	0.568	0.900B	18
19	0.238B	0.490B	5.00 B	1.50 E	0.310E	0.594	6.34	0.129	0.612	0.457	0.552	0.730B	19
20	0.232B	0.530B	6.30 B	1.02 E	0.300E	1.01	1.19	0.176	0.393	0.521	0.563	0.670B	20
21	0.227B	0.560B	6.60 B	1.60 E	0.290E	0.864	0.459	0.189	0.353	0.892	2.86	0.625B	21
22	0.224B	0.330B	6.90 B	1.15 E	0.280E	0.979	0.354	0.178	0.346	0.588	3.37	0.600B	22
23	0.222B	0.280B	5.40 B	0.820E	0.390E	1.93	0.300	0.264	0.447	0.492	1.69	0.680B	23
24	0.220B	0.270B	6.30 B	0.640E	0.300E	0.700	0.240	0.368	0.441	0.454	4.73	1.20 B	24
25	0.218B	0.260B	7.20 B	0.590E	0.250E	0.506	0.171	1.39	0.895	0.422	2.16	10.2	25
26	0.216B	0.255B	3.00 B	0.530E	0.240E	1.80	0.162	0.972	0.725	0.404	1.35	12.9	26
27	0.212B	0.250B	1.30 B	0.480E	0.240A	1.04	0.166	0.413	0.944	0.404	1.03	3.01	27
28	0.213B	0.252B	1.30 B	0.450E	0.248	1.13	0.549	0.296	1.25	0.396	0.909	4.23	28
29	0.216B		1.20 B	0.420E	0.312	8.78	0.489	0.254	0.739	0.386	3.79	3.12	29
30	0.218B		4.00 B	0.380E	0.316	2.19	0.319	0.247	0.549	0.381	3.62	1.19 B	30
31	0.220B		7.50 B		0.307		0.278	0.244		0.382		0.760B	31
TOTAL	38.201	8.107	118.563	36.940	9.563	31.181	16.160	9.185	13.212	19.251	62.294	63.927	TOTAL
MEAN	1.23	0.290	3.82	1.23	0.308	1.04	0.521	0.296	0.440	0.621	2.08	2.06	MEAN
MAX	7.50	0.600	13.0	6.00	0.410	8.78	6.34	1.39	1.25	3.35	8.10	12.9	MAX
MIN	0.212	0.185	0.250	0.380	0.240	0.206	0.108	0.129	0.157	0.302	0.552	0.480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.17
MAXIMUM DAILY, 13.0B ON MAR 14
MINIMUM DAILY, 0.108 ON JUL 14
MAXIMUM INSTANTANEOUS,
18.6 AT 02:42 EST ON DEC 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 28 N
LONG 79 12 58 W
DRAINAGE AREA, 77.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 300	JUL	1 400
FEB	700	AUG	794
MAR	10 200	SEP	1 140
APR	3 190	OCT	1 660
MAY	826	NOV	5 380
JUN	2 690	DEC	5 520

TOTAL DISCHARGE, 36 800 dam³

LITTLE TURKEY LAKE (INFLOW D) NEAR BATCHAWANA MOUNTAIN - STATION NO. 02BF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.015	0.014	0.011	0.072	0.804	0.034	0.007	0.004	0.008	0.057	0.038	0.036	1
2	0.015B	0.013	0.010	0.097	0.818	0.030	0.006	0.003	0.017	0.061	0.036	0.035	2
3	0.016	0.012	0.013	0.181	0.776	0.025	0.006	0.004	0.042	0.071	0.037	0.056	3
4	0.015B	0.013	0.011	0.282	0.717	0.021	0.006	0.005	0.052	0.078	0.047	0.084	4
5	0.014B	0.013	0.010	0.263	0.678	0.018	0.005	0.005	0.051	0.077	0.054	0.093	5
6	0.017	0.012	0.010	0.225	0.630	0.015	0.005	0.005	0.043	0.087	0.065	0.124	6
7	0.017	0.012	0.010	0.177	0.597	0.012	0.005	0.005	0.036	0.221	0.065	0.125	7
8	0.018	0.013	0.012	0.125	0.463	0.013	0.005	0.006	0.029	0.367	0.064	0.108	8
9	0.018B	0.012	0.011	0.101	0.374	0.013	0.004	0.005	0.026	0.305	0.068	0.087	9
10	0.017B	0.012	0.009	0.081	0.330	0.013	0.004	0.005	0.024	0.232	0.074	0.075	10
11	0.017B	0.014	0.009	0.074	0.327	0.012	0.006	0.005	0.023	0.204	0.098	0.068	11
12	0.016B	0.011	0.009	0.067	0.305	0.011	0.009	0.005	0.020	0.193	0.455	0.061	12
13	0.016B	0.011	0.014	0.066	0.258	0.010	0.008	0.004	0.031	0.201	0.564	0.049	13
14	0.016B	0.011	0.016	0.056	0.205	0.009	0.008	0.004	0.090	0.204	0.332	0.047	14
15	0.015B	0.010	0.017	0.047	0.167	0.011	0.007	0.004	0.113	0.211	0.225	0.043	15
16	0.015B	0.010	0.019	0.053	0.137	0.010	0.011	0.004	0.123	0.192	0.163	0.036	16
17	0.014B	0.010	0.027	0.127	0.114	0.009	0.012	0.004	0.121	0.163	0.119	0.037	17
18	0.014B	0.009	0.029	0.259	0.093	0.008	0.012	0.004	0.124	0.137	0.090	0.033	18
19	0.014	0.009	0.028	0.279	0.080	0.009	0.011	0.003	0.123	0.112	0.080	0.039	19
20	0.013	0.008	0.026	0.226	0.072	0.008	0.011	0.003	0.125	0.934	0.239	0.034	20
21	0.013B	0.009	0.024	0.171	0.059	0.008	0.009	0.003	0.121	0.780	0.383	0.029	21
22	0.013B	0.008	0.025	0.131	0.051	0.008	0.008	0.005	0.108	0.385	0.297	0.027	22
23	0.013B	0.009	0.023	0.142	0.046	0.008	0.007	0.004	0.090	0.251	0.211	0.024	23
24	0.012B	0.009	0.022	0.378	0.042	0.008	0.007	0.005	0.080	0.178	0.145	0.025	24
25	0.012B	0.009	0.021	0.806	0.040	0.009	0.007	0.005	0.079	0.130	0.108	0.046	25
26	0.012B	0.010	0.022	0.962	0.039	0.009	0.007	0.005	0.081	0.097	0.079	0.107	26
27	0.012	0.009	0.020	0.603	0.040	0.008	0.007	0.005	0.078	0.074	0.064	0.131	27
28	0.012	0.010	0.018	0.536	0.039	0.007	0.006	0.005	0.070	0.064	0.054	0.156	28
29	0.013		0.018	0.587	0.038	0.007	0.005	0.004	0.067	0.057	0.046	0.205	29
30	0.013		0.020	0.707	0.039	0.007	0.004	0.004	0.059	0.050	0.041	0.191	30
31	0.013		0.037		0.039		0.004	0.004		0.043		0.152	31
TOTAL	0.450	0.302	0.551	7.881	8.417	0.370	0.219	0.136	2.054	6.208	4.341	2.363	TOTAL
MEAN	0.015	0.011	0.018	0.263	0.272	0.012	0.007	0.004	0.068	0.200	0.145	0.076	MEAN
MAX	0.018	0.014	0.037	0.962	0.818	0.034	0.012	0.006	0.125	0.934	0.564	0.205	MAX
MIN	0.012	0.008	0.009	0.047	0.038	0.007	0.004	0.003	0.008	0.043	0.036	0.024	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.091
MAXIMUM DAILY, 0.962 ON APR 26
MINIMUM DAILY, 0.003 ON AUG 2
MAXIMUM INSTANTANEOUS,
1.86 AT 16:33 EST ON OCT 20

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 02 48 N
LONG 84 24 14 W
DRAINAGE AREA, 4.08 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38.9	JUL	18.9
FEB	26.1	AUG	11.8
MAR	47.6	SEP	177
APR	681	OCT	536
MAY	727	NOV	375
JUN	32.0	DEC	204

TOTAL DISCHARGE, 2 880 dam³

LITTLE TURKEY LAKE (OUTFLOW C) NEAR BATCHAWANA MOUNTAIN - STATION NO. 02BF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.043B	0.025B	0.025B	0.158	1.27	0.063	0.018E	0.011E	0.023	0.118	0.156	0.137	1
2	0.042B	0.024B	0.026B	0.165	1.45	0.055	0.016E	0.010E	0.056	0.122	0.135	0.127E	2
3	0.040B	0.025B	0.026B	0.223	1.36	0.047	0.014E	0.014E	0.099	0.126	0.133	0.142E	3
4	0.041B	0.025B	0.026B	0.291	1.20	0.045	0.014E	0.019E	0.098	0.123	0.139	0.148E	4
5	0.039B	0.024B	0.025B	0.324	1.09	0.039	0.014E	0.017	0.092	0.121	0.163	0.150E	5
6	0.037B	0.024B	0.025B	0.333	0.987	0.036	0.015E	0.015	0.083	0.126	0.181	0.210E	6
7	0.037B	0.024B	0.025B	0.309	0.911	0.032	0.015E	0.015	0.072	0.224	0.186	0.236E	7
8	0.036B	0.025B	0.024B	0.283	0.726	0.028	0.014E	0.018	0.063	0.303	0.182	0.230E	8
9	0.035B	0.026B	0.024B	0.262	0.546	0.028	0.014E	0.017	0.057	0.340	0.181	0.220E	9
10	0.035B	0.025B	0.023B	0.241	0.464	0.035	0.016E	0.015	0.053	0.325	0.180	0.230E	10
11	0.036B	0.025B	0.023B	0.227	0.432	0.036	0.025E	0.011	0.050	0.310	0.191	0.220E	11
12	0.034B	0.026B	0.024B	0.209	0.399	0.031	0.035E	0.009	0.049	0.298	0.282	0.203E	12
13	0.032B	0.027B	0.030B	0.213	0.355	0.029	0.040E	0.008	0.066	0.295E	0.502	0.192E	13
14	0.031B	0.027B	0.050B	0.195	0.320	0.026	0.038E	0.007	0.132	0.290E	0.510	0.173E	14
15	0.030B	0.026B	0.056B	0.180	0.286	0.032	0.036E	0.006	0.131	0.280E	0.395	0.158	15
16	0.031B	0.025B	0.058B	0.172	0.263	0.039	0.042E	0.006	0.135	0.273E	0.323	0.129	16
17	0.030B	0.025B	0.060B	0.203	0.244	0.038	0.048E	0.005	0.133	0.267E	0.278	0.106	17
18	0.028B	0.025B	0.062B	0.262	0.227	0.036	0.052E	0.003	0.128	0.260E	0.253	0.112	18
19	0.027B	0.025B	0.064B	0.315	0.212	0.034	0.044E	0.002	0.132	0.249	0.235	0.143	19
20	0.026B	0.026B	0.062B	0.333	0.199	0.036	0.039E	0.003	0.132	0.533	0.271	0.142	20
21	0.025B	0.027B	0.060B	0.321	0.180	0.030	0.033E	0.002	0.134	1.42	0.341	0.123	21
22	0.024B	0.026B	0.055	0.292	0.149	0.028	0.030E	0.006	0.131	0.801	0.375	0.106	22
23	0.025B	0.026B	0.049	0.283	0.124	0.031	0.026E	0.010	0.130	0.469	0.355	0.096	23
24	0.024B	0.026B	0.055	0.339	0.102	0.030	0.023E	0.013	0.135	0.358	0.302	0.102	24
25	0.024B	0.026B	0.059	0.649	0.087	0.039	0.020E	0.013	0.133	0.300	0.267	0.136	25
26	0.023B	0.025B	0.059	1.37	0.074	0.038	0.016E	0.011	0.131	0.266	0.242	0.189	26
27	0.023B	0.025B	0.055	1.27	0.075	0.033	0.014E	0.012	0.136	0.241	0.220	0.213	27
28	0.023B	0.024B	0.047	0.900	0.075	0.031	0.013E	0.014	0.134	0.220	0.204	0.244	28
29	0.024B		0.046	0.833	0.073	0.028	0.012E	0.014	0.128	0.207	0.184	0.266	29
30	0.026B		0.057	0.996	0.068	0.022	0.012E	0.015	0.118	0.193	0.155	0.279	30
31	0.025B		0.113		0.061		0.011E	0.015		0.177		0.277	31
TOTAL	0.956	0.709	1.393	12.151	10.009	1.055	0.759	0.336	3.094	9.635	7.521	5.439	TOTAL
MEAN	0.031	0.025	0.045	0.405	0.452	0.035	0.024	0.011	0.103	0.311	0.251	0.175	MEAN
MAX	0.043	0.027	0.113	1.37	1.45	0.063	0.052	0.019	0.136	1.42	0.510	0.279	MAX
MIN	0.023	0.024	0.023	0.158	0.061	0.022	0.011	0.002	0.023	0.118	0.133	0.096	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.156
MAXIMUM DAILY, 1.45 ON MAY 2
MINIMUM DAILY, 0.002 ON AUG 19
MAXIMUM INSTANTANEOUS,
1.57 AT 07:23 EST ON OCT 21

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 02 41 N
LONG 84 24 44 W
DRAINAGE AREA, 5.40 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	82.6	JUL	65.6
FEB	61.3	AUG	29.0
MAR	120	SEP	267
APR	1 050	OCT	832
MAY	1 210	NOV	650
JUN	91.2	DEC	470

TOTAL DISCHARGE, 4 930 dam³

LITTLE WHITE RIVER BELOW BOLAND RIVER - STATION NO. 02CC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.05B	5.05B	4.35B	6.50B	96.0	17.7	6.95	4.88	4.50	12.0	23.2	22.5	1
2	6.00B	5.01B	4.33B	8.00B	95.7	19.0	6.77	4.82	5.07	11.0	22.1	22.2	2
3	6.05B	5.00B	4.32B	9.20B	92.8	18.6	6.59	4.89	5.64	10.4	21.5	23.1	3
4	6.10B	4.98B	4.29B	10.2 B	86.2	17.6	6.39	4.97	5.81	9.84	21.8	23.4	4
5	6.15B	4.95B	4.27B	9.90B	77.5	16.3	6.17	4.87	6.40	9.37	21.6	24.3	5
6	6.10B	4.92B	4.25B	9.50B	68.7	15.1	6.08	4.72	7.49	9.20	20.7	31.0	6
7	6.05B	4.88B	4.23B	9.20B	65.0	14.2	6.16	4.64	7.13	11.3	18.0	34.3	7
8	6.00B	4.85B	4.21B	9.05B	60.6	13.5	5.95	4.79	6.90	14.8	17.3	34.2	8
9	5.95B	4.82B	4.20B	8.90B	56.2	12.8	5.74	4.88	6.53	18.4	16.6	28.0B	9
10	5.90B	4.78B	4.19B	8.90B	52.0	12.4	5.55	4.72	6.11	20.4	16.4	25.3B	10
11	5.85B	4.75B	4.18B	9.70B	49.9	11.9	6.66	4.56	5.72	20.4	16.7	23.3B	11
12	5.80B	4.73B	4.20B	10.8 B	47.4	11.4	7.06	4.50	5.37	19.7	21.5	22.0B	12
13	5.75B	4.68B	5.20B	12.0 B	44.6	11.1	7.12	4.46	5.53	19.7	29.9	21.0B	13
14	5.70B	4.65B	5.95B	13.2 B	42.1	10.5	7.04	4.41	7.81	20.8	33.5	20.3B	14
15	5.67B	4.63B	5.75B	15.3 B	39.4	10.3	6.84	4.34	8.14	21.9	33.1	20.0B	15
16	5.63B	4.61B	5.50B	18.5	36.8	10.0	7.56	4.26	9.73	21.9	31.9	20.0B	16
17	5.60B	4.59B	5.53B	25.5	34.4	9.63	7.71	4.18	10.4	21.1	30.5	19.9B	17
18	5.57B	4.56B	5.45B	32.9	32.7	9.41	7.33	4.12	11.0	20.1	28.3	20.1B	18
19	5.53B	4.55B	5.35B	38.1	31.1	9.20	7.11	4.19	10.9	19.0	25.5	22.4	19
20	5.48B	4.53B	5.25B	39.4	29.5	8.97	6.79	4.16	12.6	27.8	26.6	22.6	20
21	5.43B	4.51B	5.15B	37.8	28.1	8.68	6.39	4.08	12.1	44.1	30.8	21.6B	21
22	5.38B	4.50B	5.10B	36.0	26.5	9.07	6.06	4.33	12.6	50.0	32.6	21.0B	22
23	5.35B	4.48B	5.05B	39.2	25.2	9.33	5.76	4.58	13.1	58.6	32.6	21.0	23
24	5.30B	4.45B	5.15B	50.1	23.7	8.91	5.54	4.53	12.6	55.4	31.1	21.2	24
25	5.27B	4.43B	5.25B	73.0	22.4	8.78	5.38	4.45	12.6	47.8	28.9	23.3	25
26	5.23B	4.40B	5.20B	104	21.2	8.44	5.21	4.38	13.4	41.3	26.4	25.4	26
27	5.21B	4.38B	5.20B	111	20.2	8.07	5.19	4.50	14.7	36.2	23.7	25.8	27
28	5.19B	4.37B	5.10B	111	19.0	7.78	5.10	4.40	15.1	32.0	22.4	29.6	28
29	5.15B		5.05B	101	16.3	7.52	4.94	4.33	14.2	28.9	23.3	36.7	29
30	5.10B		5.10B	96.5	15.3	7.17	4.97	4.28	13.0	26.8	23.8	38.5	30
31	5.08B		5.50B		15.7		4.96	4.23		24.9		40.4	31
TOTAL	174.62	131.04	151.85	1 064.35	1 372.2	343.36	193.07	139.45	282.18	785.11	752.3	784.4	TOTAL
MEAN	5.63	4.68	4.90	35.5	44.3	11.4	6.23	4.50	9.41	25.3	25.1	25.3	MEAN
MAX	6.15	5.05	5.95	111	96.0	19.0	7.71	4.97	15.1	58.6	33.5	40.4	MAX
MIN	5.08	4.37	4.18	6.50	15.3	7.17	4.94	4.08	4.50	9.20	16.4	19.9	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.9
MAXIMUM DAILY, 111 ON APR 27
MINIMUM DAILY, 4.08 ON AUG 21
MAXIMUM INSTANTANEOUS,
116 AT 01:48 EST ON APR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 34 49 N
LONG 82 57 58 W
DRAINAGE AREA, 1 190 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 100	JUL	16 700
FEB	11 300	AUG	12 000
MAR	13 100	SEP	24 400
APR	92 000	OCT	67 800
MAY	119 000	NOV	65 000
JUN	29 700	DEC	67 800

TOTAL DISCHARGE, 534 000 dam³

LITTLE WHITE RIVER NEAR BELLIWGNAN - STATION NO. 02CC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.3 B	9.60B	8.40B	24.0B	163	31.2	13.2	8.92	7.22	21.2	38.6	38.3	1
2	11.2 B	9.60B	8.40B	25.3B	162	33.0	12.8	8.76	9.92	19.8	37.4	37.9	2
3	11.4 B	9.60B	8.40B	29.0B	158	32.2	12.5	8.74	12.0	19.1	36.8	40.0	3
4	11.5 B	9.50B	8.30B	37.0B	150	31.0	12.2	9.14	11.3	18.3	37.3	41.1	4
5	11.4 B	9.50B	8.30B	36.0B	139	29.5	11.6	8.93	11.2	17.6	37.1	41.3	5
6	11.3 B	9.40B	8.20B	35.3B	127	27.8	11.3	8.64	14.4	17.5	36.2	54.4	6
7	11.2 B	9.40B	8.20B	34.5B	117	26.5	11.2	8.37	14.1	21.4	33.7	60.0	7
8	11.1 B	9.30B	8.10B	34.0B	109	25.4	11.1	8.27	12.7	27.9	32.0	58.6	8
9	11.1 B	9.30B	8.10B	33.3B	101	24.3	10.6	8.51	11.9	29.9	31.0	53.5B	9
10	11.0 B	9.20B	8.10B	33.0B	92.1	23.6	10.1	8.38	11.1	31.5	30.1	50.5B	10
11	10.9 B	9.20B	8.10B	33.0B	86.8	22.9	12.4	7.97	10.3	32.3	30.9	48.0B	11
12	10.8 B	9.10B	8.20B	34.3B	82.7	22.0	15.1	7.67	9.68	32.4	36.8	45.0B	12
13	10.7 B	9.10B	9.40B	36.0B	77.7	21.3	14.4	7.37	9.96	33.3	50.6	42.5B	13
14	10.7 B	9.00B	12.0 B	37.5B	72.9	20.5	13.8	7.16	18.3	33.8	53.8	40.5B	14
15	10.6 B	9.00B	14.7 B	39.5B	67.9	20.0	13.4	6.92	19.6	34.9	54.7	39.0B	15
16	10.5 B	9.00B	16.8 B	43.0B	63.0	19.7	14.2	6.75	18.4	34.6	51.8	37.5B	16
17	10.4 B	9.00B	17.0 B	47.0B	59.3	18.8	16.7	6.46	19.4	33.6	49.4	36.3B	17
18	10.3 B	8.90B	17.0 B	54.0B	55.5	18.1	16.0	6.13	22.8	32.4	46.7	35.8B	18
19	10.3 B	8.90B	16.9 B	68.0B	52.8	17.7	15.0	6.16	21.7	31.1	43.5	36.3B	19
20	10.2 B	8.90B	16.7 B	71.2	50.1	17.4	14.1	6.17	22.1	49.0	46.0	37.5	20
21	10.2 B	8.80B	16.6 B	68.1	47.3	17.1	13.1	6.00	23.3	78.9	55.8	36.0B	21
22	10.1 B	8.80B	16.3 B	64.2	44.6	17.1	12.2	6.68	22.3	80.9	57.0	35.0B	22
23	10.1 B	8.70B	16.2 B	67.4	42.4	17.9	11.5	7.71	22.1	85.4	55.7	35.3B	23
24	10.0 B	8.70B	16.3 B	87.8	40.2	17.4	10.7	7.76	21.8	85.5	53.2	36.9	24
25	10.0 B	8.60B	16.4 B	125	37.9	17.0	10.2	7.46	23.3	75.8	49.2	40.8	25
26	9.90B	8.60B	16.5 B	163	36.1	16.5	9.81	7.10	24.2	66.2	45.9	43.8	26
27	9.90B	8.50B	16.3 B	181	34.5	15.7	9.63	7.37	24.4	57.9	41.6	44.3	27
28	9.80B	8.50B	16.1 B	180	33.0	15.0	9.82	7.33	24.6	51.8	39.4	50.2	28
29	9.80B		16.0 B	173	30.9	14.5	9.44	6.90	23.8	47.2	38.6	67.9	29
30	9.70B		17.0 B	165	28.9	13.9	9.12	6.75	22.7	44.0	39.2	72.1	30
31	9.70B		22.0 B		28.5		9.15	6.76		41.2		76.7	31
TOTAL	327.10	253.70	485.00	2 059.4	2 391.1	645.0	376.37	233.20	520.58	1 286.4	1 289.7	1 413.0	TOTAL
MEAN	10.6	9.06	13.1	68.6	77.1	21.5	12.1	7.52	17.4	41.5	43.0	45.6	MEAN
MAX	11.5	9.60	22.0	181	163	33.0	16.7	9.14	24.6	85.5	57.0	76.7	MAX
MIN	9.70	8.50	8.10	24.0	28.5	13.9	9.12	6.00	7.22	17.5	30.1	35.0	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.7
MAXIMUM DAILY, 181 ON APR 27
MINIMUM DAILY, 6.00 ON AUG 21
MAXIMUM INSTANTANEOUS,
182 AT 16:23 EST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 23 38 N
LONG 83 17 10 W
DRAINAGE AREA, 1 960 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 300	JUL	32 500
FEB	21 900	AUG	20 100
MAR	35 000	SEP	45 000
APR	178 000	OCT	111 000
MAY	207 000	NOV	111 000
JUN	55 700	DEC	122 000

TOTAL DISCHARGE, 968 000 dam³

LONG LAKE AT LONGLAC - STATION NO. 04JD001

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	312.170	311.760	311.340	311.200	311.460	313.440	313.500	313.250	313.170	312.990	313.280	313.480	1
2	312.170	311.760	311.320	311.200	311.510	313.450	313.490	313.240	313.160	312.990	313.270	313.480	2
3	312.170	311.750	311.320	311.220	311.580	313.460	313.480	313.240	313.160	313.000	313.260	313.500	3
4	312.170	311.740	311.300	311.220	311.690	313.480	313.470	313.250	313.160	313.000	313.220	313.490	4
5	312.170	311.720	311.300	311.240	311.780	313.480	313.460	313.250	313.160	313.000	313.220	313.490	5
6	312.170	311.700	311.280	311.240	311.880	313.480	313.480	313.250	313.170	313.000	313.220	313.500	6
7	312.170	311.680	311.260	311.240	312.020	313.480	313.500	313.250	313.160	313.020	313.230	313.490	7
8	312.150	311.660	311.260	311.250	312.160	313.480	313.520	313.260	313.160	313.040	313.240	313.500	8
9	312.130	311.650	311.240	311.250	312.320	313.480	313.520	313.260	313.160	313.080	313.250	313.500	9
10	312.120	311.640	311.240	311.250	312.460	313.480	313.500	313.270	313.150	313.120	313.250	313.500	10
11	312.100	311.620	311.230	311.250	312.600	313.490	313.480	313.270	313.140	313.190	313.240	313.480	11
12	312.090	311.620	311.220	311.250	312.740	313.490	313.480	313.270	313.140	313.240	313.240	313.470	12
13	312.080	311.610	311.220	311.250	312.870	313.500	313.460	313.270	313.120	313.290	313.240	313.460	13
14	312.070	311.600	311.210	311.250	312.990	313.490	313.440	313.270	313.090	313.350	313.250	313.440	14
15	312.060	311.580	311.210	311.250	313.100	313.480	313.420	313.270	313.080	313.350	313.250	313.440	15
16	312.020	311.540	311.200	311.260	313.200	313.460	313.410	313.270	313.070	313.350	313.250	313.430	16
17	312.000	311.520	311.200	311.260	313.280	313.450	313.400	313.260	313.060	313.350	313.250	313.420	17
18	311.970	311.480	311.200	311.260	313.360	313.450	313.390	313.250	313.060	313.360	313.240	313.420	18
19	311.970	311.460	311.200	311.270	313.420	313.440	313.380	313.250	313.050	313.340	313.240	313.410	19
20	311.950	311.440	311.200	311.270	313.420	313.440	313.360	313.240	313.040	313.340	313.270	313.410	20
21	311.920	311.420	311.200	311.270	313.380	313.440	313.340	313.240	313.030	313.350	313.330	313.400	21
22	311.890	311.410	311.200	311.260	313.320	313.440	313.320	313.230	313.030	313.360	313.340	313.400	22
23	311.880	311.400	311.200	311.260	313.300	313.460	313.310	313.220	313.020	313.360	313.380	313.390	23
24	311.870	311.390	311.200	311.270	313.300	313.480	313.310	313.220	313.020	313.360	313.420	313.390	24
25	311.860	311.380	311.200	311.270	313.320	313.490	313.300	313.220	313.010	313.360	313.440	313.380	25
26	311.840	311.360	311.190	311.280	313.340	313.500	313.280	313.210	313.000	313.350	313.440	313.360	26
27	311.840	311.350	311.190	311.300	313.380	313.510	313.280	313.210	313.000	313.350	313.460	313.360	27
28	311.810	311.340	311.190	311.320	313.400	313.520	313.270	313.200	312.980	313.340	313.460	313.350	28
29	311.800		311.190	311.360	313.410	313.510	313.260	313.200	312.980	313.320	313.480	313.350	29
30	311.780		311.190	311.390	313.420	313.500	313.250	313.190	312.980	313.310	313.480	313.350	30
31	311.760		311.190		313.440		313.240	313.180		313.300		313.340	31
MEAN	312.005	311.556	311.229	311.262	312.802	313.475	313.397	313.241	313.084	313.231	313.305	313.432	MEAN
MAX	312.170	311.760	311.340	311.390	313.440	313.520	313.520	313.270	313.170	313.360	313.480	313.500	MAX
MIN	311.760	311.340	311.190	311.200	311.460	313.440	313.240	313.180	312.980	312.990	313.220	313.340	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 312.676
MAXIMUM DAILY, 313.520 ON JUN 28
MINIMUM DAILY, 311.190 ON MAR 26

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 46 10 N
LONG 86 33 05 W

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LONG LAKE DIVERSION TO LAKE SUPERIOR - STATION NO. 04JD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.70	43.2	35.0	14.4	0	55.0	56.1	28.7	25.5	34.8	85.7	69.2	1
2	9.70	42.8	34.7	14.6	0	55.7	55.4	28.1	26.1	34.8	85.7	68.8	2
3	9.50	42.5	34.4	15.9	0	54.6	55.0	27.6	26.6	35.2	59.9	68.4	3
4	9.70	41.5	34.0	15.9	0	54.3	54.3	27.6	25.2	35.5	43.3	68.1	4
5	28.6	41.2	33.7	15.9	0	53.6	45.9	27.6	26.1	35.8	43.3	67.7	5
6	56.4	40.8	33.1	15.6	0	54.6	40.5	27.0	26.1	36.8	42.3	67.3	6
7	57.2	40.5	32.8	15.4	0	53.9	50.7	27.0	31.1	37.4	42.7	66.9	7
8	56.1	40.2	32.5	15.1	0	54.6	73.1	27.0	37.7	22.6	42.7	66.5	8
9	55.4	39.9	31.8	15.1	0	54.6	97.0	28.4	37.4	11.0	42.7	66.2	9
10	54.6	39.5	31.5	15.1	0	55.0	97.7	28.1	37.4	12.3	42.7	65.8	10
11	53.9	39.5	24.7	14.9	0.370	72.9	97.7	27.8	37.4	13.7	42.7	65.4	11
12	52.9	38.9	12.8	14.9	1.16	87.0	97.3	27.6	37.4	39.8	44.3	65.0	12
13	52.1	38.9	13.1	15.1	38.0	86.2	95.2	27.2	37.4	82.8	44.0	64.7	13
14	51.8	38.2	13.6	15.1	79.9	85.3	95.2	27.0	38.0	89.8	43.7	64.3	14
15	51.1	38.2	13.9	15.1	83.8	85.7	94.3	26.6	37.4	90.2	43.0	55.2	15
16	50.4	37.9	14.4	15.6	86.6	84.5	93.9	27.0	36.4	90.2	35.7	43.3	16
17	49.3	37.6	14.4	16.1	94.5	65.1	92.7	27.2	35.8	89.8	42.3	43.3	17
18	49.0	37.2	14.6	15.9	95.2	53.6	91.8	27.0	36.1	89.0	42.0	43.3	18
19	48.6	36.9	14.6	15.9	95.2	53.6	91.8	27.0	36.1	91.8	41.7	43.7	19
20	47.9	36.9	14.1	16.4	94.3	54.3	90.2	27.2	36.4	92.3	42.0	43.7	20
21	47.3	36.9	13.9	16.1	91.0	54.6	73.2	27.0	35.8	90.1	43.7	43.7	21
22	46.9	36.3	13.9	15.6	89.0	54.6	51.8	27.8	34.8	89.8	45.4	44.0	22
23	47.3	35.9	13.6	15.6	88.5	46.6	49.0	27.0	34.5	89.0	46.7	44.0	23
24	46.2	35.9	13.9	15.4	89.4	40.5	48.3	26.4	36.1	88.1	47.4	44.0	24
25	45.9	35.6	14.4	16.1	76.8	49.9	48.6	26.4	35.2	89.0	47.8	44.3	25
26	45.2	35.6	14.4	17.2	71.5	55.0	49.0	26.1	34.2	88.5	48.4	44.3	26
27	44.9	35.3	13.9	17.2	62.4	55.4	48.3	26.6	34.5	87.7	48.4	44.3	27
28	44.5	35.3	13.9	17.4	53.2	55.7	47.6	26.1	34.8	87.3	48.4	44.7	28
29	43.8		13.9	18.5	53.6	56.8	46.9	25.2	33.3	96.5	56.7	44.7	29
30	43.8		13.9	8.20	54.6	56.5	36.3	25.5	33.6	86.1	69.6	44.7	30
31	43.5		14.1		55.4		26.6	25.2		86.1		45.0	31
TOTAL	1 353.20	1 079.1	637.5	465.30	1 454.430	1 799.7	2 091.4	838.0	1 014.4	2 033.8	1 454.9	1 694.5	TOTAL
MEAN	43.7	38.5	20.6	15.5	46.9	60.0	67.5	27.0	33.8	65.6	48.5	54.7	MEAN
MAX	57.2	43.2	35.0	18.5	95.2	87.0	97.7	28.7	38.0	92.3	85.7	69.2	MAX
MIN	9.50	35.3	12.8	8.20	0	40.5	26.6	25.2	25.2	11.0	35.7	43.3	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.6
MAXIMUM DAILY, 97.7 ON JUL 10
MINIMUM DAILY, 0 ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 04 04 N
LONG 87 04 09 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	117 080	JUL	181 000
FEB	93 200	AUG	72 400
MAR	55 100	SEP	87 600
APR	40 200	OCT	176 000
MAY	126 000	NOV	126 000
JUN	155 000	DEC	146 000

TOTAL DISCHARGE, 1 380 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1939

LONG-LEGGED RIVER BELOW LONG-LEGGED LAKE - STATION NO. 05QE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.92	1.74	1.77	1.65	4.92E	11.0	8.13	4.06	1.71	1.26	1.64	1.24E	1
2	1.94	1.74	1.73	1.71	5.07E	11.1	7.97	3.82	1.77	1.32	1.53	1.32E	2
3	1.95	1.75	1.69	1.89	5.25A	11.1	8.15	3.76	1.73	1.36	1.49	1.41E	3
4	1.89	1.72	1.72	1.83	5.49E	11.1	8.05	3.72	1.69	1.39	1.46	1.45E	4
5	1.90	1.76	1.72	1.81	5.72E	10.9	7.95	3.65	1.64	1.45	1.51	1.48E	5
6	1.97	1.75	1.70	1.80	5.99E	10.9	7.85	3.56	1.54	1.35	1.44	1.49E	6
7	1.95	1.77	1.64	1.79	6.24E	11.3	7.70	3.55	1.47	1.47	1.41	1.49E	7
8	1.90	1.74	1.63	1.76	6.58E	11.3	7.43	3.67	1.56	1.51	1.43	1.48E	8
9	1.89	1.75	1.61	1.78	6.91E	11.5	7.05	3.45	1.58	1.51	1.48	1.47E	9
10	1.87	1.73	1.62	1.82	7.16A	12.0	6.82	3.17	1.55	1.62	1.36	1.45E	10
11	1.87	1.74	1.61	1.82	7.88	11.9	6.63	3.00	1.55	1.76	1.34	1.45E	11
12	1.89	1.71	1.61	1.84	8.01	11.8	6.52	2.82	1.52	1.78	1.33	1.43E	12
13	1.87	1.70	1.67	1.83	8.12	11.7	6.28	2.79	1.53	1.80	1.33	1.42E	13
14	1.83	1.71	1.65	1.79	8.20A	11.7	5.98	2.74	1.48	1.83	1.31	1.41E	14
15	1.85	1.76	1.69	1.87	8.61E	11.5	5.75	2.71	1.38	1.87	1.31	1.40A	15
16	1.86	1.75	1.72	2.03	8.73E	11.4	5.65	2.68	1.36	1.75	1.31	1.43	16
17	1.83	1.77	1.71	2.09	8.96E	11.2	5.86	2.57	1.34	1.69	1.36	1.44	17
18	1.84	1.81	1.69	2.09	9.19E	11.0	5.93	2.53	1.30	1.79	1.46	1.47	18
19	1.81	1.85	1.69	2.12	9.41E	10.8	5.74	2.58	1.33	1.74A	1.42	1.48	19
20	1.81	1.90	1.67	2.14	9.67E	10.8	5.66	2.51	1.27	1.71E	1.42	1.50	20
21	1.81	1.86	1.66	2.16	9.77E	10.5	5.55	2.38	1.24	1.69E	1.41A	1.54	21
22	1.82	1.86	1.66	2.30	9.79E	10.2	5.34	2.31	1.20	1.66A	1.33E	1.55	22
23	1.84	1.78	1.62	2.54	9.77E	10.1	5.28	2.24	1.26	1.65	1.30E	1.59	23
24	1.79	1.76	1.65	2.97	9.79E	10.1	5.47	2.17	1.26	1.71	1.28E	1.61	24
25	1.81	1.73	1.64	3.44	9.74E	9.73	5.35	2.05	1.21	1.71	1.26E	1.60	25
26	1.80	1.74	1.59	3.85	9.70A	9.41	5.16	1.91	1.20	1.74	1.24E	1.56	26
27	1.79	1.70	1.58	4.17	9.54	9.32	4.95	1.85	1.17	1.74	1.23E	1.56	27
28	1.77	1.75	1.57	4.35A	9.42	9.04	4.79	1.76	1.19	1.68	1.22E	1.57	28
29	1.78		1.61	4.58E	9.40	8.65	4.68	1.73	1.24	1.67	1.21E	1.57E	29
30	1.80		1.62	4.75E	9.50	8.39	4.52	1.72	1.27	1.68	1.21E	1.57E	30
31	1.74		1.71		10.2		4.41	1.69		1.68		1.56E	31
TOTAL	57.39	49.33	51.45	72.57	252.73	321.44	192.60	85.15	42.54	50.57	41.03	45.99	TOTAL
MEAN	1.85	1.76	1.66	2.42	8.15	10.7	6.21	2.75	1.42	1.63	1.37	1.48	MEAN
MAX	1.97	1.90	1.77	4.75	10.2	12.0	8.15	4.06	1.77	1.87	1.64	1.61	MAX
MIN	1.74	1.70	1.57	1.65	4.92	8.39	4.41	1.69	1.17	1.26	1.21	1.24	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.46
MAXIMUM DAILY, 12.0 ON JUN 10
MINIMUM DAILY, 1.17 ON SEP 27
MAXIMUM INSTANTANEOUS,
12.1 AT 15:05 CST ON JUN 10

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 40 39 N
LONG 93 58 07 W

A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 960	JUL	16 600
FEB	4 260	AUG	7 360
MAR	4 450	SEP	3 680
APR	6 270	OCT	4 370
MAY	21 800	NOV	3 540
JUN	27 800	DEC	3 970

TOTAL DISCHARGE, 109 000 dam³

LUCKNOW RIVER AT LUCKNOW - STATION NO. 02FD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.548B	0.552B	0.354B	13.1	0.776	0.761	0.684	0.260	0.208	0.305	0.489	2.10	1
2	0.619B	0.539B	0.346	6.99	0.716	0.791	0.590	0.364	0.231	0.268	1.59	1.71	2
3	0.789	0.531B	0.412B	7.24	0.689	0.564	0.544	0.438	0.264	0.262	1.40	2.12	3
4	2.08	0.520B	0.496B	5.29	0.654	0.497	0.515	0.834	0.253	0.225	1.05	2.78	4
5	2.00	0.512B	0.402B	3.81	0.632	0.479	0.484	0.752	0.226	0.223	0.715	2.76	5
6	1.78	0.501B	0.352B	3.56	0.601	0.520	0.432	0.406	0.221	0.216	0.597	3.45	6
7	1.31	0.493B	0.325	2.98	0.607	0.446	0.395	0.299	0.226	0.219	0.512	2.28	7
8	1.22 B	0.482B	0.322B	2.49	0.693	0.414	0.357	0.486	0.206	0.213	0.455	1.58	8
9	1.14 B	0.472B	0.329B	2.80	0.630	0.390	0.331	0.545	0.201	0.210	0.368	1.36	9
10	1.05 B	0.468B	0.331B	2.77	0.576	0.365	0.316	0.345	0.186	0.214	0.341	1.20	10
11	0.994B	0.461B	0.334B	2.40	0.547	0.341	0.317	0.273	0.181	0.309	0.361	1.13	11
12	0.953B	0.456B	0.534B	2.34	0.511	0.316	0.322	0.259	0.177	0.301	1.32	1.04	12
13	0.919B	0.447B	1.50 B	3.57	0.494	0.298	0.295	0.220	0.169	0.263	1.54	0.931	13
14	0.894B	0.442B	2.78 B	3.62	0.469	0.277	0.273	0.214	0.210	0.289	1.15	0.876	14
15	0.866B	0.439B	3.43 B	2.89	0.446	0.686	0.254	0.201	0.331	0.375	0.846	1.18	15
16	0.838B	0.429	3.72 B	2.80	0.425	3.88	0.236	0.180	0.342	0.423	0.705	2.90	16
17	0.812B	0.619B	3.96 B	5.15	0.421	1.99	0.342	0.171	0.293	0.526	0.652	2.22	17
18	0.780B	0.465B	3.98 B	3.84	0.400	1.12	0.451	0.159	0.557	0.486	0.623	1.48	18
19	0.759B	0.429	4.08 B	2.56	0.382	3.55	0.332	0.155	0.524	0.397	0.601	1.23	19
20	0.732B	0.418	4.13 B	2.20	0.603	3.74	0.275	0.166	0.373	0.376	0.866	1.20	20
21	0.718B	0.408B	4.05 B	1.92	0.522	6.99	0.245	0.165	0.320	0.387	1.49	1.17	21
22	0.698B	0.400B	3.37 B	1.61	0.426	4.00	0.227	0.181	0.270	0.330	1.28	1.12	22
23	0.809B	0.396B	3.53 B	1.40	0.777	2.10	0.214	0.231	0.352	0.264	1.31	1.25	23
24	1.02 B	0.389B	4.42 B	1.25	1.04	1.38	0.207	0.230	0.334	0.242	2.16	5.12	24
25	1.09 B	0.382B	4.69 B	1.13	0.777	1.59	0.195	0.430	0.283	0.230	1.59	8.57	25
26	0.880B	0.378B	3.62 B	1.04	0.601	2.87	0.186	0.403	0.270	0.225	1.20	5.47	26
27	0.700B	0.371B	2.68 B	0.947	0.506	1.86	0.196	0.277	0.388	0.221	0.969	2.96	27
28	0.642B	0.360B	2.51 B	0.890	1.19	1.27	0.413	0.237	0.666	0.210	0.994	2.75	28
29	0.612B		2.88	0.847	1.61	0.974	0.316	0.216	0.464	0.221	3.12	2.47	29
30	0.583B		5.03	0.810	0.989	0.822	0.254	0.227	0.356	0.226	3.04	1.79	30
31	0.565B		17.4		0.780		0.254	0.232		0.251		1.40	31
TOTAL	29.400	12.759	86.297	94.234	20.490	45.281	10.442	9.556	9.082	8.917	33.334	69.597	TOTAL
MEAN	0.948	0.456	2.78	3.14	0.661	1.51	0.337	0.308	0.303	0.288	1.11	2.25	MEAN
MAX	2.08	0.619	17.4	13.1	1.61	6.99	0.684	0.834	0.666	0.526	3.12	8.57	MAX
MIN	0.548	0.360	0.322	0.810	0.382	0.277	0.186	0.155	0.169	0.210	0.341	0.876	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 17.4 ON MAR 31
MINIMUM DAILY, 0.155 ON AUG 19
MAXIMUM INSTANTANEOUS,
18.5 AT 15:59 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 44 N
LONG 81 30 55 W
DRAINAGE AREA, 54.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 540	JUL	902
FEB	1 100	AUG	826
MAR	7 460	SEP	785
APR	8 140	OCT	770
MAY	1 770	NOV	2 880
JUN	3 910	DEC	6 010

TOTAL DISCHARGE, 37 100 dam³

LUTTERAL CREEK NEAR OUSTIC - STATION NO. 02GA033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.291	0.186B	0.124B	13.5	0.696	1.43	0.508	0.183	0.191	0.570	0.603	2.29	1
2	0.268B	0.182B	0.122B	8.01	0.604	1.22	0.429	0.185	0.206	0.408	1.30	1.90	2
3	0.250B	0.180B	0.120B	6.54	0.566	0.897	0.359	0.214	0.207	0.328	2.00	1.68	3
4	0.325B	0.176B	0.140B	5.82	0.515	0.701	0.308	0.604	0.177	0.292	2.21	2.19	4
5	0.320B	0.173B	0.170B	4.89	0.477	0.705	0.259	0.460	0.155	0.257	2.23	2.70	5
6	0.310B	0.171B	0.210B	3.10	0.428	1.41	0.242	0.282	0.148	0.247	1.74	6.11	6
7	0.300B	0.170B	0.250B	2.94	0.430	1.55	0.235	0.204	0.144	0.791	1.40	4.91	7
8	0.296B	0.166B	0.289B	2.30	0.541	1.45	0.190	0.190	0.143	0.747	1.21	3.00	8
9	0.290B	0.164B	0.340B	1.90	0.591	1.11	0.165	0.243	0.138	0.498	1.02	1.70 B	9
10	0.280B	0.160B	0.385B	1.96	0.543	0.832	0.151	0.204	0.129	0.410	0.893	1.35 B	10
11	0.270B	0.158B	0.265B	1.87	0.477	0.654	0.149	0.181	0.122	0.407	0.908	1.12 B	11
12	0.262B	0.156B	0.250B	1.83	0.425	0.520	0.159	0.157	0.123	0.421	1.55	0.980B	12
13	0.258B	0.154B	0.240B	2.43	0.392	0.516	0.136	0.144	0.122	0.407	2.00	0.860B	13
14	0.250B	0.152B	0.235B	2.71	0.354	0.563	0.119	0.132	0.136	0.390	1.70	0.757	14
15	0.248B	0.385B	0.540B	2.65	0.336	0.544	0.115	0.131	0.166	0.511	1.42	0.809	15
16	0.238B	0.340B	1.02 B	2.81	0.296	1.40	0.119	0.142	0.152	0.585	1.17	1.80 B	16
17	0.232B	0.354B	1.03 B	4.76	0.290	1.38	0.146	0.126	0.146	0.523	1.03	1.60 B	17
18	0.228B	0.300B	1.04 B	4.71	0.236	1.11	0.479	0.118	0.333	0.481	0.941	1.35 B	18
19	0.222B	0.250B	1.05 B	3.08	0.210	1.22	0.889	0.122	0.301	0.463	0.882	1.27	19
20	0.218B	0.220B	1.06 B	2.89	0.293	1.55	0.466	0.119	0.234	0.481	0.909	1.06	20
21	0.216B	0.200B	1.08 B	3.59	0.329	2.00	0.320	0.115	0.203	0.458	1.82	0.987	21
22	0.211B	0.185B	1.10 B	2.71	0.296	2.27	0.289	0.129	0.271	0.466	2.40	0.960	22
23	0.211B	0.170B	1.34 B	1.88	0.295	1.68	0.238	0.160	1.01	0.418	2.09	0.990	23
24	0.210B	0.160B	1.50 B	1.48	0.297	1.19	0.204	0.154	0.884	0.422	2.56	1.72	24
25	0.204B	0.152B	1.80 B	1.27	0.289	0.818	0.165	0.537	0.924	0.417	2.22	5.31	25
26	0.200B	0.146B	2.00 B	1.15	0.276	0.874	0.150	0.563	0.921	0.387	1.72	8.04	26
27	0.198B	0.140B	2.05 B	1.08	0.238	0.799	0.151	0.369	0.938	0.350	1.38	5.09	27
28	0.202B	0.132B	1.80 B	0.956	1.86	0.752	0.345	0.312	1.09	0.338	1.14	3.63	28
29	0.198B		1.68 B	0.863	2.10	0.761	0.350	0.282	0.866	0.300	1.68	3.13	29
30	0.194B		1.76	0.784	1.68	0.707	0.242	0.239	0.696	0.297	2.42	1.80 B	30
31	0.190B		10.4		1.92		0.211	0.213		0.304		1.50 B	31
TOTAL	7.590	5.482	35.390	96.463	18.280	32.613	8.248	7.214	11.276	13.374	46.546	72.593	TOTAL
MEAN	0.245	0.196	1.14	3.22	0.590	1.09	0.266	0.233	0.376	0.431	1.55	2.34	MEAN
MAX	0.325	0.385	10.4	13.5	2.10	2.27	0.849	0.604	1.09	0.791	2.56	8.04	MAX
MIN	0.190	0.132	0.120	0.784	0.210	0.516	0.115	0.115	0.122	0.247	0.603	0.757	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.973
MAXIMUM DAILY, 13.5 ON APR 1
MINIMUM DAILY, 0.115 ON JUL 15
MAXIMUM INSTANTANEOUS,
19.5 AT 23:32 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 39 46 N
LONG 80 15 19 W
DRAINAGE AREA, 64.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	656	JUL	713
FEB	474	AUG	623
MAR	3 060	SEP	974
APR	8 330	OCT	1 160
MAY	1 580	NOV	4 020
JUN	2 820	DEC	6 270

TOTAL DISCHARGE, 30 700 dam³

LYN CREEK NEAR LYN - STATION NO. 02MB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.528	0.417B	0.335B	37.8	0.722	2.76	0.504	0.037	0.038	0.035	---	---	1
2	0.624	0.401B	0.336B	20.5	0.642	3.85	0.325	0.033	0.121	0.039	---	---	2
3	0.622	0.410B	0.336B	16.5	0.562	2.23	0.247	0.027	0.115	0.071	---	---	3
4	0.961	0.418B	0.337B	18.7	0.511	1.43	0.194	0.024	0.085	0.036	---	---	4
5	2.08 B	0.401B	0.340B	10.4 B	0.444	1.14	0.139	0.020	0.059	0.024	---	---	5
6	2.11 B	0.388B	0.337B	7.63 B	0.397	1.61	0.097	0.016	0.050	0.023	---	---	6
7	2.10 B	0.384B	0.332B	5.03 B	0.479	2.63	0.078	0.014	0.047	0.037	---	---	7
8	2.05 B	0.380B	0.328B	4.70 B	0.427	1.88	0.062	0.013	0.060	0.202	---	---	8
9	1.92 B	0.378B	0.323B	4.33 B	1.77	1.24	0.051	0.013	0.048	0.210	---	---	9
10	1.67 B	0.375B	0.320B	4.03	1.64	0.922	0.042	0.013	0.040	0.162E	---	---	10
11	1.46 B	0.372B	0.338B	3.76	0.964	0.760	0.038	0.012	0.037	0.130E	---	---	11
12	1.31 B	0.370B	0.580B	3.47	0.701	0.623	0.034	0.012	0.030	0.104E	---	---	12
13	1.18 B	0.368B	1.60 B	3.49	0.584	0.529	0.032	0.012	0.026	0.086A	---	---	13
14	1.05 B	0.366B	2.50 B	3.92	0.502	0.483	0.028	0.011	0.023	---	---	---	14
15	0.940B	0.373B	3.20 B	3.38	0.432	0.440	0.024	0.011	0.021	---	---	---	15
16	0.870B	0.380B	4.48 B	3.06	0.377	0.484	0.023	0.010	0.018	---	---	---	16
17	0.796B	0.370B	4.08 B	2.96	0.323	0.474	0.022	0.009	0.016	---	---	---	17
18	0.720B	0.361B	3.70 B	3.23	0.278	0.392	0.033	0.009	0.020	---	---	---	18
19	0.668B	0.354B	4.38 B	2.65	0.254	0.338	0.023	0.009	0.019	---	---	---	19
20	0.608B	0.352B	5.20 B	2.26	0.329	0.335	0.017	0.009	0.016	---	---	---	20
21	0.578B	0.350B	6.00 B	2.68	0.806	0.479	0.015	0.008	0.014	---	---	---	21
22	0.528B	0.347B	5.20 B	2.48	0.573	0.762	0.013	0.008	0.015	---	---	---	22
23	0.500B	0.345B	6.40 B	2.12	0.392	0.998	0.012	0.008	0.015	---	---	---	23
24	0.479B	0.343B	7.60 B	1.77	0.417	0.905	0.011	0.008	0.017	---	---	---	24
25	0.460B	0.341B	9.80 B	1.50	0.590	0.624	0.011	0.055	0.017	---	---	---	25
26	0.445B	0.339B	12.2 B	1.31	0.480	0.496	0.010	0.174	0.018	---	---	---	26
27	0.428B	0.338B	10.8 B	1.17	0.365	0.397	0.010	0.135	0.025	---	---	---	27
28	0.418B	0.337B	9.80 B	1.04	0.342	0.298	0.012	0.102	0.026	---	---	---	28
29	0.407B		8.85 B	0.916	0.556	0.441	0.012	0.082	0.026	---	---	---	29
30	0.400B		8.90 B	0.819	0.656	0.707	0.013	0.061	0.029	---	---	---	30
31	0.418B		19.0 B		2.70		0.025	0.047		---		---	31
TOTAL	29.300	10.358	137.932	177.605	20.215	30.657	2.157	1.002	1.091	---	---	---	TOTAL
MEAN	0.945	0.370	4.45	5.92	0.652	1.02	0.070	0.032	0.036	---	---	---	MEAN
MAX	2.11	0.418	19.0	37.8	2.70	3.85	0.504	0.174	0.121	---	---	---	MAX
MIN	0.400	0.337	0.320	0.819	0.254	0.298	0.010	0.008	0.014	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 37.8 ON APR 1
MINIMUM DAILY, 0.008 ON AUG 21
MAXIMUM INSTANTANEOUS,
43.2 AT 05:48 EST ON APR 1

REMARKS - GAUGE DISCONTINUED OCT 13 1982

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 31 30 N
LONG 75 48 19 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 530	JUL	186
FEB	895	AUG	86.6
MAR	11 900	SEP	94.3
APR	15 300	OCT	---
MAY	1 750	NOV	---
JUN	2 650	DEC	---

LYNDE CREEK NEAR WHITBY - STATION NO. 02HC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.20 B	0.251B	0.272B	10.1	0.632	0.408	0.575	0.231	0.266	0.395	0.630	1.31	1
2	1.05 B	0.255B	0.270B	3.58	0.590	0.465	0.436	0.201	0.283	0.382	1.80	1.17	2
3	1.20 B	0.262B	0.270B	14.7	0.553	0.366	0.353	0.217	0.307	0.331	3.34	1.34	3
4	2.70 B	0.260B	0.310B	5.23	0.516	0.331	0.315	0.279	0.267	0.315	5.23	1.99	4
5	2.58 B	0.260B	0.290B	2.19 B	0.505	0.457	0.294	0.260	0.228	0.270	3.13	1.62	5
6	1.20 B	0.260B	0.280B	1.72 B	0.472	1.38	0.273	0.227	0.228	0.246	1.58	3.49	6
7	0.700B	0.260B	0.270B	1.55 B	0.490	0.905	0.245	0.201	0.221	0.516	1.13	1.69	7
8	0.400B	0.260B	0.265B	1.80 B	0.983	0.612	0.234	0.215	0.208	1.02	0.970	1.23	8
9	0.310B	0.260B	0.265B	1.56 B	0.989	0.455	0.211	0.270	0.188	0.545	0.841	0.890B	9
10	0.285B	0.262B	0.310B	1.67	0.651	1.95	0.182	0.231	0.171	0.397	0.732	0.780B	10
11	0.275B	0.263B	0.340B	2.03	0.518	2.86	0.176	0.204	0.168	0.546	0.773	0.700B	11
12	0.270B	0.265B	0.900B	2.00	0.463	1.08	0.193	0.164	0.151	0.633	1.09	0.650B	12
13	0.266B	0.266B	5.00 B	3.46	0.434	0.799	0.168	0.159	0.141	0.501	1.10	0.680B	13
14	0.262B	0.270B	11.0 B	2.78	0.395	0.690	0.164	0.147	0.274	0.465	0.849	0.800B	14
15	0.260B	0.285B	6.80 B	2.34	0.377	0.692	0.164	0.129	0.732	0.601	0.782	2.40 B	15
16	0.259B	0.300B	4.90 B	2.45	0.346	2.16	0.168	0.123	0.371	0.568	0.672	1.30 B	16
17	0.258B	0.295B	5.80 B	4.13	0.308	1.04	0.277	0.123	0.290	0.493	0.663	0.900B	17
18	0.256B	0.291B	6.40 B	3.16	0.296	0.682	0.596	0.115	0.829	0.438	0.619	0.870B	18
19	0.254B	0.296B	6.20 B	1.79	0.377	0.758	2.60	0.112	0.516	0.428	0.592	0.770B	19
20	0.251B	0.298B	6.80 B	4.15	0.530	0.934	0.653	0.181	0.337	0.485	0.610	0.720B	20
21	0.250B	0.305B	7.20 B	3.84	0.388	0.823	0.406	0.175	0.331	0.820	2.89	0.680B	21
22	0.250B	0.315B	7.60 B	1.91	0.347	0.803	0.310	0.188	0.334	0.538	2.48	0.660B	22
23	0.280B	0.350B	8.57	1.50	0.499	0.699	0.254	0.244	0.434	0.462	1.54	0.770B	23
24	0.265B	0.330B	7.67	1.34	0.592	0.499	0.217	0.274	0.454	0.417	3.61	1.70 B	24
25	0.255B	0.315B	5.45	1.23	0.485	0.604	0.200	1.00	0.662	0.394	1.60	3.60 B	25
26	0.253B	0.300B	3.77	1.14	0.414	1.88	0.167	0.664	0.477	0.383	1.20	2.20 B	26
27	0.252B	0.290B	2.16	1.08	0.362	1.02	0.196	0.346	0.775	0.380	1.05	1.80 B	27
28	0.270B	0.280B	1.94	0.933	0.409	0.858	0.745	0.296	0.894	0.367	0.983	2.80 B	28
29	0.260B		3.06	0.826	0.482	1.69	0.503	0.262	0.512	0.344	1.96	1.75 B	29
30	0.250B		4.15	0.684	0.419	1.00	0.325	0.256	0.398	0.344	1.88	1.20 B	30
31	0.250B		17.8		0.417		0.282	0.250		0.374		1.00 B	31
TOTAL	17.071	7.904	126.312	86.873	15.239	28.900	11.882	7.744	11.447	14.398	46.326	43.460	TOTAL
MEAN	0.551	0.282	4.07	2.90	0.492	0.963	0.383	0.250	0.382	0.464	1.54	1.40	MEAN
MAX	2.70	0.350	17.8	14.7	0.989	2.86	2.60	1.00	0.894	1.02	5.23	3.60	MAX
MIN	0.250	0.251	0.265	0.684	0.296	0.331	0.164	0.112	0.141	0.246	0.592	0.650	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.14
MAXIMUM DAILY, 17.8 ON MAR 31
MINIMUM DAILY, 0.112 ON AUG 19
MAXIMUM INSTANTANEOUS,
33.0 AT 20:45 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 52 32 N
LONG 78 57 43 W
DRAINAGE AREA, 106 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 470	JUL	1 030
FEB	683	AUG	669
MAR	10 900	SEP	989
APR	7 510	OCT	1 240
MAY	1 320	NOV	4 000
JUN	2 500	DEC	3 750

TOTAL DISCHARGE, 36 100 dam³

LYNN RIVER AT SIMCOE - STATION NO. 02GC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.64	1.13 B	1.11	7.30	2.07	3.30	2.52	1.12	1.11	1.32	1.66	2.91	1
2	1.43	1.11	1.07	5.23	2.10	3.22	2.22	1.39	1.19	1.06	3.65	2.98	2
3	1.39	1.08	1.04	5.52	2.09	2.69	2.07	1.28	1.26	1.28	3.74	2.96	3
4	3.25	1.09	1.10B	5.29	1.95	2.12	2.04	1.20	1.14	1.30	4.21	3.29	4
5	3.13	1.04	1.20B	4.22	1.95	2.73	2.03	1.15	1.08	1.28	3.81	3.28	5
6	2.27	1.04	1.13B	3.85	1.90	4.49	1.92	1.15	1.02	1.23	3.05	3.94	6
7	1.92	1.03 B	1.09	3.51	1.89	4.04	1.81	1.07	1.04	1.48	2.54	3.85	7
8	1.48B	1.02 B	1.05B	3.49	2.33	3.19	1.69	1.62	1.01	1.60	2.27	3.54	8
9	1.42B	0.983	1.03	3.64	2.23	2.76	1.70	1.51	0.954	1.38	2.10	3.35	9
10	1.35B	0.990B	1.09	3.69	2.10	2.53	1.56	1.24	0.993	1.26	2.02	2.99	10
11	1.32B	0.995B	2.90	3.72	1.98	2.33	1.47	1.15	0.949	1.33	2.35	2.75	11
12	1.30	0.971	5.21	3.69	1.88	2.14	1.48	1.12	0.898	1.28	2.84	2.59	12
13	1.27	0.950	14.2	3.68	1.78	2.05	1.36	1.10	0.967	1.22	2.95	2.40	13
14	1.27	0.958	13.5	3.55	1.72	1.96	1.25	1.07	0.939	1.29	2.66	2.30	14
15	1.26	1.30 B	9.87	3.25	1.64	2.01	1.19	1.00	0.996	1.24	2.39	2.38	15
16	1.22	1.25 B	8.78	3.63	1.60	2.20	1.10	0.993	0.978	1.15	2.17	3.30	16
17	1.22B	1.20 B	9.27	3.44	1.64	2.11	1.01	0.953	0.904	1.15	2.04	3.96	17
18	1.20B	1.17	5.88	3.39	1.53	1.98	1.01	0.912	1.18	1.16	1.99	3.63	18
19	1.18B	1.20	4.92	3.12	1.55	1.94	1.03	0.870	1.05	1.18	1.94	3.20	19
20	1.16B	1.18	4.56	3.52	1.56	2.00	1.01	0.855	1.33	1.25	1.96	3.01	20
21	1.13	1.19	4.86	4.12	1.46	3.29	0.891	0.833	0.999	1.24	2.81	2.95	21
22	1.12B	1.19	4.56	3.48	1.54	3.70	1.05	0.901	1.32	1.19	3.50	2.80	22
23	1.18B	1.22	4.77	3.03	1.54	3.12	1.13	0.981	2.79	1.14	3.19	2.73	23
24	1.35B	1.16	4.80	2.78	1.58	2.60	0.838	1.00	1.87	1.11	3.56	3.47	24
25	1.30B	1.13 B	4.65	2.61	1.47	2.29	0.717	1.67	1.86	1.11	3.28	6.84	25
26	1.24	1.12 B	4.19	2.58	1.43	3.06	0.364	1.24	1.74	1.11	2.90	7.07	26
27	1.16	1.10	3.62	2.49	2.15	3.02	1.46	1.15	2.50	1.11	2.71	5.00	27
28	1.16	1.07	3.15	2.36	4.45	2.61	1.92	1.05	2.62	1.21	2.59	5.07	28
29	1.07		2.76	2.27	4.03	2.89	1.47	0.960	2.17	1.09	3.02	4.57	29
30	1.10		3.57	1.79	3.06	3.05	1.21	1.00	1.77	0.975	3.17	3.84	30
31	1.03		6.99		2.96		1.19	1.07		1.06		3.41	31
TOTAL	44.52	30.867	137.92	108.24	63.16	81.42	43.710	34.608	40.627	37.765	83.07	110.36	TOTAL
MEAN	1.44	1.10	4.45	3.61	2.04	2.71	1.41	1.12	1.35	1.22	2.77	3.56	MEAN
MAX	3.25	1.30	14.2	7.30	4.45	4.49	2.52	1.67	2.79	1.60	4.21	7.07	MAX
MIN	1.03	0.950	1.03	1.79	1.43	1.94	0.364	0.833	0.898	0.975	1.66	2.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.24
MAXIMUM DAILY, 14.2 ON MAR 13
MINIMUM DAILY, 0.364 ON JUL 26
MAXIMUM INSTANTANEOUS,
21.8E AT 18:27 EST ON MAR 13

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 49 21 N
LONG 80 17 22 W
DRAINAGE AREA, 134 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 850	JUL	3 780
FEB	2 670	AUG	2 990
MAR	11 900	SEP	3 510
APR	9 350	OCT	3 260
MAY	5 460	NOV	7 180
JUN	7 030	DEC	9 540

TOTAL DISCHARGE, 70 500 dam³

MAD RIVER NEAR GLENCAIRN - STATION NO. 02ED005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.30B	2.65B	2.02B	37.1	8.72	3.43	3.29	2.09	1.74	1.59	2.16	6.24	1
2	3.40B	2.80B	2.01B	19.8	8.01	3.21	2.91	2.36	1.58	1.69	4.89	6.41	2
3	5.00B	2.78B	2.00B	26.8	7.49	2.89	2.74	2.56	1.56	1.50	4.64	8.43	3
4	4.60B	2.70B	2.00B	22.6	7.07	2.60	2.58	2.48	1.51	1.50	4.09	7.60	4
5	4.80B	2.62B	2.00B	18.0	6.82	2.61	2.41	2.27	1.41	1.44	4.05	7.40	5
6	5.15B	2.59B	2.00B	16.7	6.52	3.54	2.34	2.10	1.43	1.34	3.72	12.0	6
7	4.80B	2.52B	2.00B	16.6	5.84	3.29	2.22	1.87	1.57	1.59	3.69	8.67	7
8	4.65B	2.50B	2.00B	14.3	5.78	3.02	2.20	1.90	1.30	1.54	4.35	7.42	8
9	4.50B	2.42B	1.99B	14.0	5.54	2.76	2.05	1.98	1.41	1.53	3.88	6.00B	9
10	4.35B	2.40B	1.99B	14.6	5.29	2.60	1.96	1.84	1.29	1.47	3.47	5.60B	10
11	4.15B	2.35B	2.26B	14.4	5.30	2.26	2.07	1.60	1.06	1.50	3.35	5.20B	11
12	4.05B	2.31B	3.13B	14.5	5.29	2.19	2.14	1.63	1.17	1.51	4.18	4.80B	12
13	3.90B	2.28B	4.89B	19.5	4.09	2.13	2.00	1.62	1.15	1.39	3.72	4.60B	13
14	3.80B	2.23B	7.28B	18.7	3.90	2.13	1.87	1.56	1.38	1.36	3.99	4.40B	14
15	3.65B	2.20B	6.02B	21.0	3.87	3.51	1.92	1.51	1.81	1.91	3.75	4.82B	15
16	3.55B	2.19B	5.54B	30.0	3.76	6.69	1.94	1.45	1.71	2.57	3.39	11.4	16
17	3.45B	2.18B	6.74	49.4	3.83	3.63	1.88	1.42	1.45	3.48	3.45	9.00B	17
18	3.38B	2.17B	6.31B	38.5	3.69	3.45	2.30	1.31	1.97	3.50	3.19	7.30B	18
19	3.31B	2.14B	5.79	33.3	3.68	7.86	2.63	1.30	1.76	3.80	3.18	6.30B	19
20	3.21B	2.13B	6.13	32.5	3.48	6.91	1.95	1.61	1.64	3.23	3.34	5.90	20
21	3.11B	2.11B	6.45	31.3	3.35	12.5	1.74	1.59	1.47	3.01	4.52	5.45	21
22	3.01B	2.10B	5.87	23.5	3.12	8.05	1.72	1.41	1.50	2.62	4.66	5.05	22
23	2.95B	2.10B	6.33B	19.8	3.92	6.31	1.67	1.76	1.46	2.53	4.25	4.95	23
24	2.90B	2.09B	7.67	17.7	4.68	5.53	1.58	1.62	1.42	2.42	7.10	10.2	24
25	2.82B	2.09B	9.38	16.2	4.09	5.12	1.59	4.35	1.35	2.17	5.22	22.1	25
26	2.78B	2.05B	7.57	14.9	3.78	4.74	1.49	2.64	1.32	2.03	4.80	17.8	26
27	2.72B	2.04B	5.85B	13.8	3.13	4.14	1.76	2.06	1.98	2.00	4.01B	13.0	27
28	2.66B	2.03B	6.02B	12.1	4.02	5.47	3.82	1.99	2.07	1.87	4.05B	12.6	28
29	2.60B		6.06	10.7	3.95	4.80	2.31	1.86	1.82	1.91	6.50	11.5	29
30	2.55B		8.41	9.62	3.78	3.68	2.04	1.80	1.68	1.77	7.26	8.80B	30
31	2.52B		57.9		3.71		2.34	1.66		1.71		8.00B	31
TOTAL	111.62	64.77	201.56	639.92	149.50	130.65	67.46	59.20	45.97	63.48	127.85	258.94	TOTAL
MEAN	3.60	2.31	6.50	21.3	4.82	4.36	2.18	1.91	1.53	2.05	4.26	8.35	MEAN
MAX	5.15	2.80	57.9	49.4	8.72	12.5	3.82	4.35	2.07	3.80	7.26	22.1	MAX
MIN	2.52	2.03	1.99	9.62	3.12	2.13	1.49	1.30	1.06	1.34	2.16	4.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.26
MAXIMUM DAILY, 57.9 ON MAR 31
MINIMUM DAILY, 1.06 ON SEP 11
MAXIMUM INSTANTANEOUS,
90.3 AT 18:00 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 18 16 N
LONG 80 00 07 W
DRAINAGE AREA, 295 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 640	JUL	5 830
FEB	5 600	AUG	5 110
MAR	17 400	SEP	3 970
APR	55 300	OCT	5 480
MAY	12 900	NOV	11 000
JUN	11 300	DEC	22 400

TOTAL DISCHARGE, 166 000 dam³

MADAWASKA RIVER AT BARK LAKE DAM - STATION NO. 02KD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	70.2	55.3	25.7	25.3	93.1	5.10	44.1 E	4.70E	12.5	5.60	7.50	51.4	1
2	68.0	55.3	24.3	26.1	93.8	5.60	40.8	4.70	10.6	5.63E	7.50	60.1	2
3	65.5E	55.0	23.1	27.9E	80.4	5.70	39.2 E	9.50	4.50	5.67E	7.80	55.3	3
4	62.9	53.9	21.9	29.8E	59.4	5.80	37.6 E	9.50	5.20E	5.70	8.20	63.4E	4
5	66.3	61.6	21.9	31.6	34.7	5.77E	36.0	9.40	5.90E	5.70	12.6	71.6E	5
6	69.4	63.3E	21.0E	33.2	11.6	5.73E	34.7	4.60	6.60E	5.80	14.7 E	79.7	6
7	72.2	65.0E	20.2E	34.2	6.60	5.70	23.3	6.17E	7.30	5.90	16.7 E	97.3	7
8	70.0	66.7	19.3	35.7	7.87E	4.60	12.5	7.73E	9.80	5.90	18.8	89.0	8
9	68.2E	65.5	18.8	36.5E	9.13E	10.0	8.30	9.30	9.60	5.98E	19.8	82.7	9
10	66.3E	64.7	18.3	37.4E	10.4	15.5	10.4 E	9.20	7.20	6.05E	19.6	80.8	10
11	64.5	64.3	17.7	38.2E	6.90	10.4	12.4 E	7.40	6.40E	6.13E	19.6	79.4E	11
12	72.4	63.5	17.5	39.1E	6.00	10.8 E	14.5	7.30	5.60E	6.20	19.9	78.1E	12
13	70.5	61.7E	17.7E	39.9	5.50	11.2 E	14.4	4.50	4.80	6.20	22.8 E	76.7	13
14	64.7	60.0E	18.0E	41.2	6.10	11.6	15.3	6.20E	4.80	6.40	25.8 E	85.0	14
15	68.8	58.2	18.2	42.9	7.17E	18.5	15.1	7.90E	7.50	6.40	28.7	86.3	15
16	67.3E	57.5	18.3	44.8	8.23E	57.3	12.1	9.60	10.0	6.40E	40.6	80.4	16
17	65.9E	56.7	18.6	46.5E	9.30	68.9	14.9 E	9.60	7.60	6.40E	43.6	77.6	17
18	64.4	55.7	19.1	48.2E	7.70	51.2	17.7 E	9.60	6.80E	6.40	42.6	75.1E	18
19	76.9	53.3	19.2	49.9	5.90	55.4 E	20.5	10.6	6.00E	6.50	41.8	72.5E	19
20	78.1	50.5E	19.4E	39.3	6.30	59.5 E	21.8	6.30	5.20	6.70	41.7 E	70.0	20
21	73.1	47.6E	19.7E	23.6	6.70	63.7	19.6	7.23E	5.20	6.80	41.6 E	68.8	21
22	76.6	44.8	19.9	16.2	9.10E	88.7	19.3	8.17E	5.20	6.90	41.5	67.1	22
23	72.9E	41.5	20.1	16.9	11.5	101	12.2	9.10	5.20	6.97E	41.2	69.7	23
24	69.2E	38.0	20.2	15.5E	11.0	103	12.4 E	9.10	5.20	7.03E	42.0	77.4	24
25	65.5	34.9	20.2	14.1E	5.80	92.9	12.5 E	8.70	5.23E	7.10	41.5	76.7E	25
26	63.5	31.8	21.5	12.7	6.60	72.7	12.7	10.9	5.27E	7.20	40.9	75.9E	26
27	60.1	29.8E	22.2E	19.9	5.90	67.0 E	9.80	6.60	5.30	7.20	40.9 E	75.2	27
28	58.2	27.7E	23.0E	37.5	5.00	61.2	7.40	7.57E	5.30	7.20	40.9 E	76.2	28
29	56.7		23.7	69.2	10.8	53.5	9.50	8.53E	5.40	7.20	40.9	72.5	29
30	56.2E		23.7	93.4	7.35E	47.3	4.70	9.50	5.40	7.30E	41.5	61.6	30
31	55.8E		24.6		3.90		4.70E	11.0		7.40E		68.9	31
TOTAL	2 078.3	1 483.8	637.0	1 066.7	559.75	1 175.30	570.40	250.20	196.60	199.96	873.20	2 302.4	TOTAL
MEAN	67.0	53.0	20.5	35.6	18.1	39.2	18.4	8.07	6.55	6.45	29.1	74.3	MEAN
MAX	78.1	66.7	25.7	93.4	93.8	103	44.1	11.0	12.5	7.40	43.6	97.3	MAX
MIN	55.8	27.7	17.5	12.7	3.90	4.60	4.70	4.50	4.50	5.60	7.50	51.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.2
MAXIMUM DAILY, 103 ON JUN 24
MINIMUM DAILY, 3.90 ON MAY 31

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 24 59 N
LONG 77 47 17 W
DRAINAGE AREA, 2 720 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	180 000	JUL	49 300
FEB	128 000	AUG	21 600
MAR	55 000	SEP	17 000
APR	92 200	OCT	17 300
MAY	48 400	NOV	75 400
JUN	102 000	DEC	199 000

TOTAL DISCHARGE, 985 000 dam³

MADAWASKA RIVER AT PALMER RAPIDS - STATION NO. 02KD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	101	86.8	49.6	67.0	295	62.6	95.5	15.3	17.9	20.1	21.3	103	1
2	101	91.4B	54.0	91.3	294	62.1	83.3	15.3	18.3	19.9	23.8	117	2
3	100	90.4	53.3B	109	267	53.3	73.4	15.0	20.9	20.0	27.7	125	3
4	99.3	90.0	46.7B	108	220	49.8	73.0	15.2	30.2	19.7	36.1	128	4
5	96.3	93.5B	44.2	112	179	54.9	65.1	15.2	40.5	19.7	49.5	130	5
6	97.6	98.7	49.2B	118	142	55.3	58.4	15.2	16.5	19.6	49.8	160	6
7	100	98.8	48.8	115	122	55.8	49.6	15.1	15.7	20.0	50.2	195	7
8	101	99.1	48.6B	111	121	55.7	37.1	15.1	15.7	20.1	58.3	196	8
9	102	91.6	44.0B	108	121	59.4	32.3	15.2	15.6	20.2	65.1	195	9
10	102	84.2B	39.4B	94.6	120	63.1	30.3	15.1	16.7	20.1	56.8	185	10
11	101	86.0	39.4	84.7	119	49.8	30.4	15.0	18.8	20.1	49.6	175	11
12	102	90.6	39.3	88.1	106	37.2	36.0	15.1	18.9	27.0	55.2	173	12
13	103	94.8	44.3	98.9	84.4	37.2	38.1	15.2	18.9	33.5	60.5	168	13
14	102	93.6	49.2	111	72.7	37.2	35.5	15.1	18.8	33.0	60.2	164	14
15	101	92.0	44.0	132	72.0	48.6	35.5	15.0	17.6	32.6	71.8	166	15
16	101 B	90.1	38.4	159	71.2	92.1	35.4	15.0	14.8	31.7	88.2	173	16
17	99.9B	83.7	44.6	182	59.6	113	35.4	14.7	14.7	31.0	92.5	170	17
18	98.4	78.1	51.3	224	47.4	94.7	35.4	14.8	15.0	30.3	84.9	157	18
19	98.1B	78.3	57.2	245	50.9	88.5	35.2	14.9	14.9	29.7	78.2	144	19
20	99.8	77.9	63.0	242	54.7	91.1	35.1	15.0	14.9	29.5	77.8	141	20
21	102 B	77.5	62.2	242	54.6	126	35.2	14.9	16.9	29.1	78.2	142	21
22	101 B	76.0	62.0	228	54.7	175	32.8	15.1	20.0	28.5	78.9	141	22
23	103 B	70.3	61.6	207	54.8	193	27.8	15.2	19.9	28.1	79.8	139	23
24	105	62.1	61.2	218	55.2	202	23.6	15.1	19.8	27.7	83.1	136	24
25	104 B	56.6B	60.8	256	59.5	204	23.6	21.7	19.9	27.5	84.2	136	25
26	96.1B	47.3	60.8	257	64.0	175	23.5	29.7	20.1	27.4	93.5	144	26
27	88.3B	44.7	60.0	257	64.1	138	23.5	24.7	20.2	24.1	101	154	27
28	88.4	45.4B	60.0	273	63.6	125	23.4	17.8	20.1	20.6	98.1	164	28
29	84.9		59.4	289	62.6	120	20.8	17.6	20.0	20.8	97.1	169	29
30	81.1		59.3	292	62.6	105	15.4	17.6	20.1	21.0	96.8	165	30
31	81.9B		59.6		63.1		15.3	17.6		21.1		162	31
TOTAL	3 042.1	2 269.5	1 615.4	5 119.6	3 277.7	2 824.4	1 214.9	508.5	572.3	773.7	2 048.2	4 817	TOTAL
MEAN	98.1	81.1	52.1	171	106	94.1	39.2	16.4	19.1	25.0	68.3	155	MEAN
MAX	105	99.1	63.0	292	295	204	95.5	29.7	40.5	33.5	101	196	MAX
MIN	81.1	44.7	38.4	67.0	47.4	37.2	15.3	14.7	14.7	19.6	21.3	103	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 76.9
MAXIMUM DAILY, 295 ON MAY 1
MINIMUM DAILY, 14.7 ON AUG 17
MAXIMUM INSTANTANEOUS,
295 AT 11:02 EST ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 19 39 N
LONG 77 30 50 W
DRAINAGE AREA, 5 800 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	263 000	JUL	105 000
FEB	196 000	AUG	43 900
MAR	140 000	SEP	49 400
APR	442 000	OCT	66 800
MAY	283 000	NOV	177 000
JUN	244 000	DEC	416 000

TOTAL DISCHARGE, 2 430 000 dam³

MADAWASKA RIVER AT STEWARTVILLE - STATION NO. 02KE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	116	87.0	81.0	108	295	91.0	111	21.0	24.0	10.0	30.0	103	1
2	105	80.0	71.0	113	319	87.0	76.0	1.00	23.0	29.0	22.0	115	2
3	80.0	90.0	90.0	152	334	86.0	68.0	20.0	21.0	17.0	23.0	143	3
4	131	89.0	143	164	271	69.0	62.0	18.0	16.0	16.0	42.0	181	4
5	113	88.0	62.0	178	246	42.0	59.0	14.0	22.0	27.0	65.0	149	5
6	108	108	48.0	142	142	39.0	69.0	11.0	30.0	20.0	62.0	196	6
7	107	97.0	44.0	185	123	85.0	48.0	25.0	19.0	48.0	63.0	148	7
8	110	129	79.0	146	49.0	68.0	45.0	7.00	21.0	16.0	61.0	221	8
9	100	76.0	93.0	116	41.0	62.0	35.0	16.0	29.0	9.00	61.0	206	9
10	103	96.0	65.0	128	103	66.0	36.0	3.00	32.0	5.00	67.0	219	10
11	114	65.0	61.0	120	100	51.0	23.0	13.0	18.0	9.00	75.0	208	11
12	124	66.0	63.0	174	123	49.0	21.0	7.00	14.0	19.0	66.0	187	12
13	88.0	93.0	58.0	154	105	52.0	23.0	6.00	25.0	21.0	68.0	222	13
14	94.0	98.0	59.0	166	157	43.0	42.0	0	29.0	39.0	52.0	157	14
15	98.0	88.0	117	155	55.0	18.0	28.0	5.00	5.00	41.0	62.0	165	15
16	101	85.0	75.0	218	16.0	79.0	26.0	31.0	10.0	27.0	100	152	16
17	112	107	65.0	268	62.0	147	29.0	15.0	13.0	42.0	97.0	206	17
18	86.0	94.0	96.0	261	32.0	95.0	29.0	9.00	9.00	25.0	102	157	18
19	104	83.0	101	354	57.0	91.0	42.0	4.00	0	26.0	88.0	178	19
20	96.0	85.0	93.0	392	93.0	110	39.0	39.0	18.0	26.0	78.0	189	20
21	92.0	75.0	96.0	367	75.0	120	23.0	5.00	17.0	44.0	63.0	185	21
22	101	142	101	347	61.0	167	49.0	9.00	16.0	23.0	87.0	145	22
23	102	136	125	239	61.0	209	24.0	11.0	19.0	7.00	69.0	140	23
24	106	106	141	218	75.0	205	18.0	10.0	22.0	29.0	138	151	24
25	106	93.0	145	319	68.0	212	18.0	9.00	21.0	33.0	85.0	144	25
26	98.0	69.0	106	337	71.0	180	11.0	14.0	0	35.0	89.0	186	26
27	99.0	63.0	138	338	94.0	168	21.0	31.0	21.0	41.0	107	178	27
28	99.0	64.0	128	395	80.0	112	21.0	18.0	33.0	21.0	106	213	28
29	89.0		126	297	92.0	129	28.0	21.0	19.0	25.0	126	227	29
30	95.0		102	318	60.0	130	26.0	11.0	12.0	16.0	111	210	30
31	96.0		109		92.0		4.00	17.0		11.0		196	31
TOTAL	3 173.0	2 552.0	2 877.0	6 869	3 552.0	3 062.0	1 159.00	421.00	558.00	757.00	2 261.0	5 437	TOTAL
MEAN	102	91.1	92.8	229	115	102	37.4	13.6	18.6	24.4	75.4	175	MEAN
MAX	131	142	145	395	334	212	111	39.0	33.0	48.0	138	227	MAX
MIN	80.0	63.0	44.0	108	16.0	18.0	4.00	0	0	5.00	22.0	103	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 89.5
MAXIMUM DAILY, 395 ON APR 28
MINIMUM DAILY, 0 ON AUG 14

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 24 25 N
LONG 76 30 28 W
DRAINAGE AREA, 8 160 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	274 808	JUL	100 000
FEB	220 000	AUG	36 400
MAR	249 000	SEP	48 200
APR	593 000	OCT	65 400
MAY	307 000	NOV	195 000
JUN	265 000	DEC	470 000

TOTAL DISCHARGE, 2 820 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MAGNETAWAN RIVER NEAR BRITT - STATION NO. 02EA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.1	22.5B	19.0B	68.7	171	23.7	24.0	6.75	4.22	31.1	43.6	70.7	1
2	32.0B	22.5B	19.0B	68.8	161	23.1	23.6	6.38	4.59	30.6	40.1	71.0	2
3	31.7	22.0B	19.0B	75.6	151	22.7	23.2	6.04	4.76	30.2	37.8	73.7	3
4	31.8	22.0B	19.0B	87.7	140	22.2	22.4	5.96	4.94	29.9	35.3	77.2	4
5	32.0B	21.5B	19.0B	93.7	127	21.4	20.8	5.78	4.97	29.7	33.9	78.8	5
6	32.8	21.5B	19.0B	97.6	114	20.5	19.0	5.55	5.22	30.0	34.4	88.6	6
7	32.9	21.5B	19.0B	99.4	101	19.2	17.0	5.27	5.06	32.2	37.4	94.1	7
8	33.0B	21.0B	19.0B	99.7	92.3	18.3	15.3	5.12	4.93	33.8	41.6	97.1	8
9	32.5B	21.0B	19.0B	98.8	85.5	17.5	13.8	4.95	4.85	34.1	44.3	99.4	9
10	32.0B	21.0B	19.0B	97.3	80.1	17.0	12.4	4.80	4.85	33.9	45.4	103	10
11	31.5B	20.5B	19.5B	95.3	76.2	16.3	11.4	4.66	5.38	34.0	46.3	105	11
12	30.5B	20.5B	20.7	93.3	72.6	15.8	10.7	4.59	7.60	34.7	51.1	105	12
13	30.0B	20.0B	24.0	99.6	68.3	15.3	10.4	4.56	11.8	37.8	57.5	103	13
14	30.0B	20.0B	30.7	107	63.1	14.4	9.85	4.43	17.4	43.2	60.3	101	14
15	29.5B	20.0B	38.2	111	55.5	13.5	9.50	4.33	19.9	46.5	64.8	96.9	15
16	29.0B	20.0B	44.2	118	47.7	13.0	9.35	4.22	21.2	47.0	68.4	92.1	16
17	28.5B	20.0B	47.4	147	41.3	12.2	9.29	4.13	21.8	47.5	71.6	86.7	17
18	28.0B	20.0B	48.1	178	36.6	11.6	9.31	4.08	23.6	48.5	75.4	82.1	18
19	27.5B	20.0B	48.4	197	33.2	11.2	9.35	4.18	24.2	50.0	79.3	78.4	19
20	27.5B	19.5B	48.0	219	32.0	10.8	9.34	4.17	26.1	52.1	82.0	74.6	20
21	27.0B	19.5B	47.4	235	32.1	10.7	9.13	4.05	28.4	56.5	84.1	70.8	21
22	26.5B	19.5B	46.3	239	32.3	11.3	8.96	4.18	29.9	58.0	81.9	67.4	22
23	26.0B	19.5	45.0	237	32.0	12.6	8.76	4.44	30.1	58.7	80.1	65.4	23
24	25.5B	19.1	44.5	233	31.5	16.0	8.53	4.45	30.0	59.4	79.9	66.0	24
25	25.0B	19.0	44.5	226	30.5	21.2	8.35	4.30	29.7	59.0	78.4	74.7	25
26	25.0B	19.0B	45.0	217	29.4	24.5	8.12	4.16	29.4	58.6	76.8	88.7	26
27	24.5B	19.0B	44.9	208	28.5	25.0	7.84	4.11	30.4	57.6	74.6	89.0	27
28	24.0B	19.0B	44.8	199	27.3	24.7	7.50	4.03	31.5	56.1	72.7	94.8	28
29	23.5B		44.8	190	26.0	24.5	7.19	4.04	31.7	54.5	71.8	109	29
30	23.5B		45.1	180	25.1	24.2	6.93	4.01	31.3	52.9	71.0	120	30
31	23.0B		54.0		24.0		6.97	3.99		48.7		128	31
TOTAL	888.3	570.6	1 065.5	4 412.5	2 068.1	534.4	378.27	145.69	529.77	1 376.8	1 821.8	2 752.2	TOTAL
MEAN	28.7	20.4	34.4	147	66.7	17.8	12.2	4.70	17.7	44.4	60.7	88.8	MEAN
MAX	33.0	22.5	54.0	239	171	25.0	24.0	6.75	31.7	59.4	84.1	128	MAX
MIN	23.0	19.0	19.0	68.7	24.0	10.7	6.93	3.99	4.22	29.7	33.9	65.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.3
MAXIMUM DAILY, 239 ON APR 22
MINIMUM DAILY, 3.99 ON AUG 31
MAXIMUM INSTANTANEOUS,
240 AT 18:10 EST ON APR 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 46 20 N
LONG 80 28 46 W
DRAINAGE AREA, 2 850 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	76 700	JUL	32 700
FEB	49 300	AUG	12 600
MAR	92 100	SEP	45 800
APR	381 000	OCT	119 000
MAY	179 000	NOV	157 000
JUN	46 200	DEC	238 000

TOTAL DISCHARGE, 1 430 000 dam³

MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.35B	6.30B	5.20B	11.3	45.5	7.81	4.55	0.711	2.85	6.25	9.13	17.8	1
2	7.40B	6.25B	5.15B	11.1	43.4	7.50	4.52	0.727	4.91	6.54	8.94	18.4	2
3	7.52	6.25B	5.10B	12.1	41.3	6.86	4.39	0.749	8.09	6.63	9.20	19.0	3
4	7.54	6.20B	5.06	13.4	39.0	5.57	4.37	0.804	8.50	6.59	9.17	19.3	4
5	7.99	6.20B	5.00B	13.8	36.9	3.92	4.41	1.70	8.06	6.63	9.51	20.0	5
6	7.90	6.15B	5.00B	14.1	34.5	3.86	4.36	2.65	7.97	6.57	9.92	22.3	6
7	7.92	6.15B	4.96	14.4	32.5	3.90	4.52	2.61	7.67	7.35	9.98	22.8	7
8	7.90B	6.10B	4.94	14.7	30.4	3.87	4.43	2.55	7.41	8.26	10.2	24.6	8
9	7.95B	6.09	6.02	14.8	28.6	3.83	4.22	2.53	7.15	8.23	10.2	26.2	9
10	7.80B	6.04	7.22	15.0	26.7	3.85	3.97	2.44	6.86	8.09	10.4	26.9	10
11	7.75B	5.98	7.82	15.2	23.4	3.93	3.93	2.38	6.58	8.04	10.6	26.7	11
12	7.70B	6.00	8.09	15.6	20.9	3.83	4.02	2.28	6.27	8.13	12.5	26.1	12
13	7.60B	5.90	8.70	16.9	15.5	3.83	3.84	2.21	5.09	8.18	13.2	25.4	13
14	7.66	5.81	8.96	18.0	6.46	3.72	3.82	2.15	4.68	8.55	14.0	23.9	14
15	7.64	5.67	8.65	19.2	6.71	3.69	3.85	2.13	4.60	9.06	14.9	22.9	15
16	7.48	5.48	8.55	21.4	6.79	3.98	3.87	2.13	4.73	9.26	15.8	22.4	16
17	7.40B	5.38	8.45	27.7	6.95	4.09	3.84	1.99	4.60	9.51	16.2	21.5	17
18	7.35B	5.40B	8.43	32.0	7.11	4.10	3.68	1.97	5.04	9.74	17.3	20.8	18
19	7.31	5.45B	8.46	40.1	7.24	4.90	3.50	2.00	5.10	11.1	18.3	19.9	19
20	7.00	5.45B	8.34	45.2	7.57	5.75	3.35	1.98	5.63	12.1	18.1	19.2	20
21	7.03	5.45B	8.28	47.3	7.95	6.42	3.26	1.55	6.09	12.1	18.0	18.4	21
22	6.84	5.50B	8.34	48.0	7.58	8.23	2.82	0.426	6.06	11.8	17.7	17.5	22
23	6.74	5.55B	8.22	48.7	7.35	10.8	1.98	0.530	6.04	11.7	17.6	16.8	23
24	6.87	5.56B	8.21	49.3	7.32	12.0	2.00	0.602	5.93	11.5	17.9	16.5	24
25	6.60B	5.50B	8.35	50.0	7.24	13.8	2.05	1.72	5.83	11.3	18.1	17.9	25
26	6.55B	5.45B	8.40	50.7	8.38	13.1	1.99	2.84	5.75	11.1	17.7	19.3	26
27	6.50B	5.40B	8.40	51.1	9.42	12.5	1.99	2.94	5.78	10.8	17.3	19.7	27
28	6.45B	5.30B	8.15	50.9	9.05	11.8	1.21	2.91	5.98	10.5	16.9	21.8	28
29	6.40B		8.15	49.5	8.68	11.1	0.560	2.92	6.01	10.2	16.8	23.7	29
30	6.40B		8.05	47.5	8.30	8.00	0.591	2.91	5.96	9.88	16.8	25.1	30
31	6.35B		10.2		8.02		0.649	2.76		9.44		26.9	31
TOTAL	224.89	161.96	230.85	879.8	556.72	200.54	100.460	60.799	181.22	285.13	422.35	669.7	TOTAL
MEAN	7.25	5.78	7.45	29.3	18.0	6.68	3.24	1.96	6.04	9.20	14.1	21.6	MEAN
MAX	7.99	6.30	10.2	51.1	45.5	13.8	4.55	2.94	8.50	12.1	18.3	26.9	MAX
MIN	6.35	5.30	4.94	11.1	6.46	3.69	0.560	0.426	2.85	6.25	8.94	16.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.9
MAXIMUM DAILY, 51.1 ON APR 27
MINIMUM DAILY, 0.426 ON AUG 22
MAXIMUM INSTANTANEOUS,
51.3 AT 01:51 EST ON APR 28

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 37 03 N
LONG 79 23 17 W
DRAINAGE AREA, 650 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 400	JUL	8 680
FEB	14 000	AUG	5 250
MAR	19 900	SEP	15 700
APR	76 000	OCT	24 600
MAY	48 100	NOV	36 500
JUN	17 300	DEC	57 900

TOTAL DISCHARGE, 343 000 dam³

MAGPIE RIVER NEAR NICHIPICOTEN - STATION NO. 02HD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.6B	11.1 B	6.42B	7.30B	115	34.9	12.9	25.5	7.83	33.9	74.4	50.0E	1
2	12.6B	11.0 B	6.35B	7.70B	123	33.0	12.6	23.7	8.14	32.8	72.9	50.0E	2
3	12.5B	10.9 B	6.30B	8.20B	129	30.7	12.2	22.5	8.20	34.8	71.1	51.5E	3
4	12.5B	10.7 B	6.25B	9.00B	132	28.8	11.7	21.8	7.86	35.2	69.5	54.0E	4
5	12.5B	10.6 B	6.20B	9.80B	133	26.9	11.0	20.5	7.57	33.9	69.0	54.5E	5
6	12.4B	10.4 B	6.15B	10.7 B	135	25.1	11.3	19.3	7.49	33.4	67.0	53.8E	6
7	12.4B	10.2 B	6.10B	11.6 B	136	24.2	11.9	18.5	7.42	39.1	64.5	51.6	7
8	12.4B	10.0 B	6.05B	12.7 B	132	24.2	11.6	18.0	7.41	50.0	61.8	50.7	8
9	12.3B	9.90B	6.03B	13.5 B	124	23.2	10.8	17.0	7.33	53.5	58.7	40.3	9
10	12.3B	9.65B	6.00B	14.4 B	117	22.4	10.6	16.2	7.43	55.7	56.2	37.7B	10
11	12.3B	9.45B	6.00B	15.2 B	110	21.6	13.9	15.3	8.74	58.0	54.4	36.0B	11
12	12.2B	9.25B	6.00B	15.9 B	103	21.1	22.2	14.8	10.3	58.9	59.5	34.4B	12
13	12.2B	9.05B	6.05B	16.3	96.7	20.2	29.1	14.2	10.1	59.9	56.5E	33.0B	13
14	12.2B	8.85B	6.15B	16.1	90.4	19.8	38.1	13.5	11.6	60.2	54.5E	32.0B	14
15	12.1B	8.65B	6.25B	17.5	85.2	19.7	49.3	12.9	11.2	60.7	55.0E	30.9B	15
16	12.1B	8.40B	6.35B	21.7	80.8	18.9	60.8	12.3	11.3	60.5	60.0E	30.0B	16
17	12.0B	8.15B	6.30B	34.2	77.1	18.6	73.3	11.7	14.2	60.5	60.5E	29.0B	17
18	12.0B	7.95B	6.25B	38.9	74.0	18.8	73.8	11.0	16.0	60.4	64.0E	28.1B	18
19	11.9B	7.75B	6.20B	42.3	71.0	18.2	70.9	10.7	15.9	60.2	76.0E	27.4B	19
20	11.9B	7.55B	6.15B	39.9	69.5	17.5	65.9	10.4	19.4	66.8	88.0E	26.8B	20
21	11.8B	7.40B	6.10B	37.9	68.0	16.9	61.0	10.1	24.5	80.8	91.0E	26.0B	21
22	11.8B	7.30B	6.07B	36.1	65.6	16.5	55.5	10.6	29.3	85.6	89.0E	25.5B	22
23	11.7B	7.15B	6.04B	37.2	62.2	15.8	50.5	10.9	31.7	86.4	86.0E	25.0B	23
24	11.6B	7.00B	6.02B	44.6	58.5	15.7	46.7	10.9	32.3	83.6	79.0E	24.4B	24
25	11.6B	6.90B	6.00B	64.3	54.1	15.7	42.8	10.4	32.0	81.9	72.0E	24.0B	25
26	11.5B	6.75B	6.05B	90.2	50.6	15.3	39.0	9.88	31.1	80.1	66.2	23.5B	26
27	11.5B	6.65B	6.10B	101	47.0	14.8	36.2	9.43	30.4	78.4	62.1	23.0B	27
28	11.4B	6.55B	6.20B	103	44.2	14.4	33.6	8.92	29.1	76.7	58.0E	22.6B	28
29	11.3B		6.40B	103	41.7	13.8	31.2	8.47	28.9	76.2	54.0E	22.2B	29
30	11.2B		6.65B	107	39.7	13.0	29.3	8.27	33.5	77.0	51.0E	21.8B	30
31	11.1B		6.95B		37.2		27.3	7.99		75.9		21.5B	31
TOTAL	371.9	245.20	192.13	1 087.20	2 702.5	619.7	1 066.8	435.66	508.20	1 891.0	2 001.8	1 061.2	TOTAL
MEAN	12.0	8.76	6.20	36.2	87.2	20.7	34.4	14.1	16.9	61.0	66.7	34.2	MEAN
MAX	12.6	11.1	6.95	107	136	34.9	73.8	25.5	33.5	86.4	91.0	54.5	MAX
MIN	11.1	6.55	6.00	7.30	37.2	13.0	10.6	7.99	7.33	32.8	51.0	21.5	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.4
MAXIMUM DAILY, 136 ON MAY 7
MINIMUM DAILY, 6.00B ON MAR 10
MAXIMUM INSTANTANEOUS,
137 AT 08:32 EST ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 56 20 N
LONG 84 49 50 W
DRAINAGE AREA, 1 930 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	32 100	JUL	92 200
FEB	21 200	AUG	37 600
MAR	16 600	SEP	43 900
APR	93 900	OCT	163 000
MAY	233 000	NOV	173 000
JUN	53 500	DEC	91 700

TOTAL DISCHARGE, 1 050 000 dam³

MAITLAND RIVER ABOVE WINGHAM - STATION NO. 02FE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.75B	2.21B	1.85B	154 E	6.21	3.61A	2.51	1.29	1.12	2.60	1.61	23.1	1
2	2.86B	2.18B	1.81B	83.2 E	5.83	3.41	2.31	1.34	1.12	2.15	4.81	16.0	2
3	3.57B	2.16B	1.79B	70.4 E	5.54	3.17	2.10	1.36	1.19	1.86	9.43	13.4	3
4	4.94B	2.13B	1.78B	56.3 E	5.31	2.72	1.93	1.57	1.15	1.67	9.44	18.3	4
5	6.66B	2.11B	1.91B	37.6	4.98	2.54	1.81	1.58	1.14	1.49	7.27	22.6	5
6	8.95B	2.09B	1.96B	33.6	4.77	3.04	1.71	1.53	1.11	1.41	6.07	28.8	6
7	6.81B	2.06B	1.94B	25.7	4.69	3.62	1.62	2.91	1.05	1.35	5.14	30.1	7
8	6.19B	2.04B	1.92B	23.2	4.83	3.32	1.53	3.04	1.03	1.33	4.62	17.6	8
9	5.56B	2.01B	1.89B	25.2	4.63	2.82	1.45	1.49	0.966	1.29	4.35	12.4	9
10	5.22B	2.00B	1.86B	28.2	4.36	2.61	1.40	1.28	0.933	1.27	3.90	9.78B	10
11	4.93B	1.99B	2.65B	23.6	4.16	2.48	1.43	1.17	0.933	1.34	3.70	8.55B	11
12	4.64B	1.98B	2.83B	20.5	4.03	2.27	1.39	0.872	0.927	1.30	5.38	7.20B	12
13	4.41B	1.97B	4.09B	31.4	3.94	2.10	1.34	0.748	0.921	1.30	12.2	5.73B	13
14	4.19B	1.95B	11.8 B	40.0	3.58	1.98	1.32	0.778	0.931	1.31	11.5	6.45B	14
15	3.93B	1.92B	16.4 B	35.4	3.26	2.09	1.30	0.796	0.905	1.44	8.52	6.32	15
16	3.79B	1.90B	20.1 B	34.6	3.48	3.41	1.24	0.797	0.889	1.88	6.51	12.3	16
17	3.62B	1.88B	25.2 B	45.8	3.04A	4.93	1.31	0.789	0.900	2.38	5.53	17.5 B	17
18	3.48B	1.87B	26.8 B	48.3	2.52E	4.11	1.32	0.767	1.18	2.44	4.95	11.6 B	18
19	3.34B	1.98B	27.8 B	26.1	2.18E	5.54	1.74	0.780	1.40	2.22	4.94	9.65B	19
20	3.22B	2.08B	28.4 B	20.0	3.37E	19.1	1.92	0.769	1.46	2.72	5.38	7.82	20
21	3.11B	2.09B	29.9 B	23.6	3.79E	16.8	1.69	0.776	1.36	4.68	10.9	7.19	21
22	3.02B	2.07B	25.5 B	18.7	3.12E	11.8	1.41	0.766	1.31	2.39	23.1	6.49	22
23	3.10B	2.01B	22.2 B	14.3	2.80E	8.56	1.28	0.779	1.28	1.99	18.2	6.37	23
24	3.21B	1.99B	24.3 B	11.9	2.91E	5.83	1.21	0.812	1.27	1.82	20.4	14.8	24
25	3.27B	1.96B	30.4 B	10.3	2.32E	2.16	1.16	1.06	1.36	1.82	20.8	53.7	25
26	3.02B	1.92B	33.7 B	9.10	2.07E	3.51	1.18	1.65	1.97	3.66	13.8	72.5	26
27	2.78B	1.89B	23.6 B	8.58	1.99E	4.60	1.18	1.91	2.47	2.27	9.99	36.9	27
28	2.57B	1.87B	19.4 B	7.98	2.74E	4.10	1.20	1.54	3.92	1.69	8.15	21.6	28
29	2.42B		15.9 B	7.29	4.18E	3.42	1.17	1.32	4.37	1.47	12.3	18.9	29
30	2.34B		24.7	6.68	5.04E	2.91	1.23	1.24	3.42	1.40	26.6	14.3	30
31	2.29B		101 E		4.26E		1.27	1.18		1.39		10.9 B	31
TOTAL	124.19	56.31	536.38	977.53	119.93	142.56	46.64	38.689	43.985	59.33	289.49	548.85	TOTAL
MEAN	4.01	2.01	17.3	32.6	3.87	4.75	1.50	1.25	1.47	1.91	9.65	17.7	MEAN
MAX	8.95	2.21	101	154	6.21	19.1	2.51	3.04	4.37	4.68	26.6	72.5	MAX
MIN	2.29	1.87	1.78	6.68	1.99	1.98	1.14	0.748	0.889	1.27	1.61	5.73	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.18
MAXIMUM DAILY, 154E ON APR 1
MINIMUM DAILY, 0.748 ON AUG 13
MAXIMUM INSTANTANEOUS,
245E AT 04:57 EST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 57 N
LONG 81 15 50 W
DRAINAGE AREA, 528 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 700	JUL	4 030
FEB	4 870	AUG	3 340
MAR	46 300	SEP	3 800
APR	84 500	OCT	5 130
MAY	10 400	NOV	25 000
JUN	12 300	DEC	47 400

TOTAL DISCHARGE, 258 000 dam³

MAITLAND RIVER BELOW WINGHAM - STATION NO. 02FE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.72B	5.77B	4.65B	549	14.5	8.31	9.00	3.01	3.36	11.6	5.70	95.8	1
2	8.78B	5.71B	4.59B	397	13.4	7.71	7.06	3.58	3.48	9.18	15.3	63.0	2
3	9.20B	5.62B	4.56B	317	12.3	7.14	5.93	3.65	3.60	6.95	39.8	48.9	3
4	11.8 B	5.54B	4.62B	254	11.4	6.62	5.28	3.52	3.52	5.64	42.2	65.2	4
5	16.6 B	5.46B	4.90B	139	10.6	6.23	4.79	4.97	3.33	4.93	31.1	91.1	5
6	24.3 B	5.43B	4.88B	110	9.94	6.75	4.43	7.26	3.15	4.62	25.6	106	6
7	21.9 B	5.34B	4.82B	82.2	9.64	8.09	4.05	5.74	2.89	4.28	20.8	118	7
8	16.6 B	5.27B	4.80B	70.1	9.90	8.97	3.73	7.61	2.66	4.05	18.1	70.4	8
9	15.1 B	5.23B	4.87B	79.7	9.48	7.83	3.55	4.68	2.52	3.92	16.9	44.7	9
10	13.8 B	5.17B	4.92B	90.9	8.75	6.79	3.64	3.77	2.41	3.90	14.5	32.5B	10
11	12.9 B	5.14B	5.84B	75.3	8.14	6.20	3.40	3.44	2.33	4.24	13.1	29.6B	11
12	12.2 B	5.12B	8.21B	63.4	5.96	5.45	3.21	3.11	2.27	5.22	20.8	24.3B	12
13	11.4 B	5.05B	13.7 B	93.9	4.69	4.97	3.17	2.84	2.21	4.82	55.5	19.1B	13
14	10.7 B	5.01B	31.0 B	125	6.64	4.49	3.23	2.64	3.07	4.94	53.2	19.0B	14
15	10.1 B	4.96B	50.5 B	103	6.12	4.75	3.10	2.50	2.34	4.00	35.3	21.6	15
16	9.72B	4.92B	62.3 B	94.2	6.36	7.92	2.84	2.39	2.18	4.52	26.3	39.8	16
17	9.23B	4.86B	76.4 B	118	6.55	12.2	2.86	2.28	1.98	5.53	21.6	64.7	17
18	8.84B	5.23B	87.2 B	128	5.38	9.89	4.05	2.17	2.33	6.07	19.3	41.1	18
19	8.49B	5.56B	97.8 B	76.6	4.45	14.4	6.56	2.07	3.14	5.81	19.1	33.4	19
20	8.31B	5.35B	103 B	54.3	5.20	62.1	6.77	2.06	3.47	5.52	21.3	27.2	20
21	7.94B	5.21B	109 B	64.4	7.22	63.8	5.52	1.98	3.53	7.45	40.3	24.2	21
22	7.72B	5.14B	100 B	53.2	6.64	56.2	4.27	1.95	4.03	7.51	93.9	21.4	22
23	7.83B	5.02B	75.4 B	38.5	6.14	38.5	3.54	2.08	3.78	5.65	85.4	20.6	23
24	8.68B	4.94B	86.2 B	31.4	6.35	22.5	3.10	2.10	3.46	5.15	81.3	50.2	24
25	8.78B	4.86B	116 B	26.7	5.00	14.4	2.80	3.04	3.58	5.87	86.9	183	25
26	8.22B	4.81B	125 B	23.3	4.52	12.6	2.63	4.07	5.26	6.16	54.5	247	26
27	7.45B	4.76B	95.8 B	21.1	4.26	12.7	2.53	9.66	11.4	5.13	36.9	173	27
28	6.93B	4.71B	82.2 B	20.3	6.23	11.3	3.05	7.40	15.5	4.79	29.2	100	28
29	6.56B		78.1	17.9	9.26	9.60	3.03	5.37	22.4	4.01	42.3	77.2	29
30	6.32B		87.2	16.0	9.95	9.23	2.94	4.36	16.1	3.90	95.2	53.1	30
31	6.01B		309		8.83		3.08	3.70		3.86		35.6B	31
TOTAL	330.13	145.19	1 847.46	3 333.4	243.80	457.64	127.12	120.00	145.28	168.32	1 161.40	2 040.6	TOTAL
MEAN	10.6	5.19	59.6	111	7.86	15.3	4.10	3.87	4.84	5.43	38.7	65.8	MEAN
MAX	24.3	5.77	309	549	14.5	63.8	9.00	9.66	22.4	11.6	95.2	247	MAX
MIN	6.01	4.71	4.56	16.0	4.26	4.49	2.53	1.95	1.98	3.86	5.70	19.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.7
MAXIMUM DAILY, 549 ON APR 1
MINIMUM DAILY, 1.95 ON AUG 22
MAXIMUM INSTANTANEOUS,
594 AT 06:57 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 12 N
LONG 81 19 37 W
DRAINAGE AREA, 1 630 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 500	JUL	11 000
FEB	12 500	AUG	10 400
MAR	160 000	SEP	12 600
APR	288 000	OCT	14 500
MAY	21 100	NOV	100 000
JUN	39 500	DEC	176 000

TOTAL DISCHARGE, 874 000 dam³

MAITLAND RIVER NEAR DONNYBROOK - STATION NO. 02FE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.44B	6.18B	4.97B	531	15.9	9.54	10.6	4.05	4.90	13.1	5.83	110	1
2	10.2 B	6.01B	4.92B	409	14.4	9.08	8.53	5.07	4.86	11.2	12.9	76.5	2
3	11.3 B	5.94B	4.88B	326	13.5	8.34	7.34	5.12	5.13	8.64	35.3	57.4	3
4	12.4 B	5.85B	4.91B	279	12.7	7.84	6.66	5.85	4.99	7.55	47.1	67.4	4
5	17.3 B	5.77B	5.22B	158	12.0	7.42	6.12	5.92	4.81	6.23	35.1	99.3	5
6	25.4 B	5.74B	5.30B	122	11.3	7.63	5.65	7.76	4.65	5.98	28.2	111	6
7	24.2 B	5.65B	5.34B	94.7	11.0	8.44	5.32	7.34	4.41	5.63	23.3	129	7
8	21.8 B	5.58B	5.33B	80.0	11.1	9.65	5.00	8.61	4.05	5.36	19.4	89.0	8
9	20.2 B	5.54B	5.49B	86.4	10.8	9.12	4.62	6.96	3.79	5.26	17.9	54.6	9
10	18.4 B	5.48B	5.55B	99.2	10.1	7.99	4.57	5.42	3.64	5.24	15.4	36.8B	10
11	17.3 B	5.46B	6.58B	87.7	9.53	7.30	4.56	4.85	3.49	5.52	13.8	32.7B	11
12	16.9 B	5.44B	8.91B	72.0	8.83	6.74	4.20	4.47	3.35	5.50	19.0	28.2B	12
13	16.0 B	5.36B	14.4 B	96.8	5.48	6.14	3.99	4.17	3.27	6.54	49.7	21.8B	13
14	13.8 B	5.32B	32.1 B	135	7.26	5.57	3.98	3.95	3.51	5.91	62.9	19.5B	14
15	13.1 B	5.27B	51.4 B	116	7.40	5.85	3.99	3.75	4.15	5.41	42.0	24.7	15
16	12.2 B	5.24B	63.8 B	106	7.28	8.46	3.79	3.60	3.38	5.70	29.9	37.9	16
17	11.4 B	5.17B	83.2 B	125	7.43	11.8	3.83	3.40	3.15	6.50	24.4	78.3B	17
18	10.8 B	5.46B	91.8 B	142	6.91	11.7	4.40	3.21	3.65	7.15	21.3	58.3B	18
19	10.4 B	5.77B	103 B	93.5	5.86	13.1	6.20	3.14	4.06	7.23	20.3	39.4	19
20	9.81B	5.66B	112 B	64.3	5.96	52.7	7.66	3.16	4.69	6.94	22.5	31.5	20
21	9.22B	5.53B	121 B	68.6	7.77	75.6	6.88	3.00	4.95	7.63	35.0	27.8	21
22	8.79B	5.45B	107 B	63.6	7.79	62.1	5.83	2.91	5.02	8.94	89.8	24.6	22
23	8.95B	5.34B	76.3 B	45.3	7.42	47.2	5.01	3.21	5.32	7.29	98.6	23.4	23
24	9.54B	5.26B	87.5 B	35.6	7.69	27.9	4.40	3.20	5.18	6.53	85.5	45.1	24
25	9.58B	5.18B	119 B	30.4	6.92	17.0	3.91	4.51	4.81	6.14	98.2	176	25
26	8.76B	5.12B	127 B	26.7	5.89	14.6	3.69	5.22	5.42	7.28	67.3	257	26
27	7.91B	5.05B	99.6 B	23.9	5.63	13.9	3.62	8.32	10.3	7.15	43.6	194	27
28	7.42B	5.01B	84.5 B	22.7	7.24	12.8	4.30	9.57	13.4	6.06	32.8	120	28
29	7.04B		69.4	20.4	10.3	11.3	4.22	7.33	22.2	5.45	40.5	87.8	29
30	6.74B		94.8	18.0	11.2	9.70	4.00	6.23	12.7	5.19	94.6	62.3B	30
31	6.43B		285		10.3		4.07	5.47		5.11		42.9B	31
TOTAL	392.73	153.83	1 910.20	3 578.8	282.89	506.51	160.94	158.77	177.23	209.36	1 232.13	2 264.2	TOTAL
MEAN	12.7	5.49	61.6	119	9.13	16.9	5.19	5.12	5.91	6.75	41.1	73.0	MEAN
MAX	25.4	6.18	285	531	15.9	75.6	10.6	9.57	22.2	13.1	98.6	257	MAX
MIN	6.43	5.01	4.88	18.0	5.48	5.57	3.62	2.91	3.15	5.11	5.83	19.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.2
MAXIMUM DAILY, 531 ON APR 1
MINIMUM DAILY, 2.91 ON AUG 22
MAXIMUM INSTANTANEOUS,
571 AT 11:15 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 49 30 N
LONG 81 29 26 W
DRAINAGE AREA, 1 760 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	33 900	JUL	13 900
FEB	13 300	AUG	13 700
MAR	165 000	SEP	15 300
APR	309 000	OCT	18 100
MAY	24 400	NOV	106 000
JUN	43 800	DEC	196 000

TOTAL DISCHARGE, 952 000 dam³

MAITLAND RIVER NEAR HARRISTON - STATION NO. 02FE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.334B	0.264B	0.178B	40.0	0.719	0.490	0.385	0.137	0.181	0.418	0.333	6.07	1
2	0.386B	0.256B	0.177B	19.7	0.627	0.552	0.378	0.149	0.187	0.362	1.55	3.43	2
3	0.512B	0.249B	0.192B	20.8	0.657	0.423	0.322	0.157	0.195	0.297	2.10	3.05	3
4	0.815	0.244B	0.198B	11.3	0.566	0.347	0.302	0.178	0.197	0.274	1.72	6.78	4
5	3.12	0.239B	0.201B	6.01	0.473	0.369	0.284	0.176	0.188	0.245	1.50	6.44	5
6	1.13 B	0.234B	0.199B	6.11	0.448	0.577	0.265	0.166	0.173	0.208	1.23	19.9	6
7	0.720B	0.230B	0.198B	4.41	0.424	0.553	0.235	0.124	0.178	0.203	1.10	7.65	7
8	0.636B	0.227B	0.197B	3.90	0.422	0.469	0.191	0.119	0.176	0.233	1.10	3.13	8
9	0.568B	0.222B	0.196B	4.71	0.401	0.394	0.165	0.133	0.167	0.227	1.03	1.88 B	9
10	0.538B	0.219B	0.198B	4.82	0.400	0.344	0.156	0.134	0.159	0.195	0.862	1.39 B	10
11	0.509B	0.214B	0.217B	3.23	0.377	0.296	0.206	0.121	0.151	0.248	0.827	1.20 B	11
12	0.481B	0.211B	0.243B	3.21	0.357	0.288	0.157	0.120	0.136	0.217	2.00	1.03 B	12
13	0.466B	0.208B	0.480B	8.32	0.328	0.268	0.145	0.113	0.146	0.183	3.50	0.887B	13
14	0.442B	0.206B	0.121B	7.63	0.300	0.243	0.131	0.115	0.146	0.179	2.35	0.770B	14
15	0.423B	0.266B	0.162B	7.08	0.293	0.306	0.118	0.097	0.151	0.292	1.60	0.928	15
16	0.407B	0.237B	0.188B	7.22	0.295	1.09	0.107	0.100	0.151	0.460	1.28	3.67	16
17	0.394B	0.222B	2.14	15.0	0.300	0.808	0.211	0.093	0.160	0.483	1.11	2.69 B	17
18	0.382B	0.211B	2.56	8.73	0.280	0.540	0.328	0.088	0.282	0.412	1.05	1.75 B	18
19	0.369B	0.204B	2.29 B	3.84	0.282	3.44	0.352	0.099	0.299	0.345	1.07	1.29	19
20	0.358B	0.199B	2.04 B	3.89	0.356	5.69	0.271	0.117	0.253	0.321	1.23	1.14	20
21	0.351B	0.198B	1.86 B	4.96	0.358	3.04	0.200	0.151	0.209	0.326	6.67	1.06	21
22	0.348B	0.194B	1.77 B	2.81	0.296	2.09	0.157	0.154	0.211	0.325	8.35	0.997	22
23	0.361B	0.192B	2.93 B	2.08	0.293	1.27	0.132	0.158	0.232	0.290	4.47	1.06	23
24	0.412B	0.190B	3.94 B	1.71	0.287	0.830	0.117	0.157	0.255	0.263	7.41	8.37	24
25	0.604B	0.188B	5.35 B	1.42	0.281	0.659	0.106	0.422	0.320	0.241	4.86	29.2	25
26	0.434B	0.186B	8.18	1.26	0.267	0.801	0.108	0.483	0.353	0.239	2.89	23.2	26
27	0.349B	0.183B	5.29	1.28	0.249	0.762	0.105	0.346	0.552	0.227	1.94	7.34	27
28	0.309B	0.181B	4.15	1.14	0.530	0.623	0.175	0.253	0.987	0.210	1.56	4.92	28
29	0.292B		3.30	0.955	0.726	0.532	0.213	0.208	0.734	0.205	7.67	4.21	29
30	0.286B		6.34	0.842	0.596	0.461	0.172	0.199	0.532	0.194	11.8	2.14 B	30
31	0.277B		45.0		0.611		0.149	0.190		0.197		1.56 B	31
TOTAL	17.013	6.074	100.485	208.367	12.791	28.555	6.343	5.257	8.061	8.519	86.162	154.132	TOTAL
MEAN	0.549	0.217	3.24	6.95	0.413	0.952	0.205	0.170	0.269	0.275	2.87	4.97	MEAN
MAX	3.12	0.266	45.0	40.0	0.726	5.69	0.385	0.483	0.987	0.483	11.8	29.2	MAX
MIN	0.277	0.181	0.121	0.842	0.249	0.243	0.105	0.088	0.136	0.179	0.333	0.770	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.76
MAXIMUM DAILY, 45.0 ON MAR 31
MINIMUM DAILY, 0.088 ON AUG 18
MAXIMUM INSTANTANEOUS,
57.3 AT 20:16 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 12 N
LONG 80 53 33 W
DRAINAGE AREA, 112 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 470	JUL	588
FEB	525	AUG	454
MAR	8 680	SEP	696
APR	18 000	OCT	736
MAY	1 110	NOV	7 440
JUN	2 470	DEC	13 300

TOTAL DISCHARGE, 55 400 dam³

MARIPOSA BROOK NEAR LITTLE BRITAIN - STATION NO. 02HG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	1.56	0.916	7.05	1
2	---	---	---	---	---	---	---	---	---	1.33	3.71	6.49	2
3	---	---	---	---	---	---	---	---	---	1.08	10.4	7.38	3
4	---	---	---	---	---	---	---	---	---	0.893	12.1	9.22	4
5	---	---	---	---	---	---	---	---	---	0.737	14.1	8.43	5
6	---	---	---	---	---	---	---	---	---	0.580	10.8	10.1	6
7	---	---	---	---	---	---	---	---	---	0.601	8.60	8.15	7
8	---	---	---	---	---	---	---	---	0.138A	1.47	6.58	6.23	8
9	---	---	---	---	---	---	---	---	0.159	1.58	4.59	4.45B	9
10	---	---	---	---	---	---	---	---	0.144	1.48	3.28	3.65B	10
11	---	---	---	---	---	---	---	---	0.153	1.57	2.68	2.60B	11
12	---	---	---	---	---	---	---	---	0.176	1.60	2.73	2.17B	12
13	---	---	---	---	---	---	---	---	0.147	1.46	2.90	1.93	13
14	---	---	---	---	---	---	---	---	0.219	1.34	2.57	1.63	14
15	---	---	---	---	---	---	---	---	0.476	1.93	2.34	1.54	15
16	---	---	---	---	---	---	---	---	0.598	2.14	2.10	6.44B	16
17	---	---	---	---	---	---	---	---	0.489	1.83	1.94	7.00B	17
18	---	---	---	---	---	---	---	---	0.849	1.65	1.76	6.43	18
19	---	---	---	---	---	---	---	---	1.13	1.52	1.62	4.44	19
20	---	---	---	---	---	---	---	---	1.00	1.43	1.59	2.88	20
21	---	---	---	---	---	---	---	---	0.981	1.58	2.68	2.20	21
22	---	---	---	---	---	---	---	---	0.980	1.47	4.32	1.93B	22
23	---	---	---	---	---	---	---	---	0.969	1.25	3.92	1.80	23
24	---	---	---	---	---	---	---	---	0.967	1.12	7.82	2.44	24
25	---	---	---	---	---	---	---	---	1.25	1.02	6.48	11.4	25
26	---	---	---	---	---	---	---	---	1.34	0.951	5.19	17.3	26
27	---	---	---	---	---	---	---	---	1.52	0.902	4.08	13.2	27
28	---	---	---	---	---	---	---	---	2.06	0.867	3.11	11.4	28
29	---		---	---	---	---	---	---	1.91	0.807	4.61	9.49	29
30	---		---	---	---	---	---	---	1.70	0.809	7.85	9.38	30
31	---		---		---		---	---		0.809		7.25B	31
TOTAL	---	---	---	---	---	---	---	---	---	39.366	147.366	196.00	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	1.27	4.91	6.32	MEAN
MAX	---	---	---	---	---	---	---	---	---	2.14	14.1	17.3	MAX
MIN	---	---	---	---	---	---	---	---	---	0.580	0.916	1.54	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 17 20 N
LONG 78 51 30 W
DRAINAGE AREA, 189 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	3 400
MAY	---	NOV	12 700
JUN	---	DEC	16 900

REMARKS - GAUGE OPERATIONAL FROM SEP 08 1982

MATABITCHUAN RIVER AT RABBIT LAKE DAM - STATION NO. 02JE021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.9	24.3	25.7	9.80	0	0.300	3.30	2.40	2.40	9.90	12.1	12.9	1
2	17.4	23.3	24.4	9.50	0	0.600	3.30	2.40	2.40	9.80	12.1	12.6	2
3	16.4	22.6	24.4	9.10	0	0.600	3.30	2.40	2.70	9.50	12.1	12.6	3
4	15.9	21.9	23.3	8.70	0	0.900	3.30	2.40	3.00	9.20	11.8	13.2	4
5	15.9	20.8	30.8	8.40	0	0.900	3.30	2.40	3.30	9.10	11.5	14.1	5
6	15.9	20.1	29.2	8.10	0	1.20	3.30	2.40	3.30	8.90	11.4	14.4	6
7	15.7	19.4	27.7	8.10	0	1.50	3.30	2.10	3.60	8.60	11.1	14.7	7
8	14.7	18.6	26.1	10.0	0	1.70	3.30	2.10	3.60	8.90	10.8	14.7	8
9	14.3	24.2	24.6	10.0	0	1.80	3.30	2.10	3.90	9.10	10.8	15.0	9
10	14.3	32.2	23.2	10.0	0	2.10	3.30	2.10	3.90	9.50	10.5	15.0	10
11	13.7	30.8	21.8	10.0	0	2.10	3.30	1.80	4.20	9.80	10.5	15.0	11
12	13.2	29.9	20.5	10.0	0	2.10	3.30	1.80	4.20	9.90	12.7	15.0	12
13	12.9	26.6	19.4	10.0	0	2.10	3.30	1.80	4.50	9.90	15.6	15.3	13
14	19.9	24.6	18.3	6.00	0	2.10	3.00	1.80	4.50	10.2	15.3	15.0	14
15	26.1	22.9	17.2	0	0	2.40	3.00	1.80	3.30	10.5	15.0	15.0	15
16	24.0	21.9	16.1	0	0	2.40	3.00	1.80	6.60	10.5	14.7	15.0	16
17	22.4	20.9	15.1	0	0	2.40	3.00	1.80	9.50	10.7	14.4	15.0	17
18	21.2	19.3	14.0	0	0	2.40	2.70	1.50	9.20	11.1	14.1	14.3	18
19	20.4	18.4	18.3	0	0	2.70	2.70	1.50	9.20	11.3	14.1	14.0	19
20	19.5	17.5	24.1	0	0	2.70	2.70	1.80	8.90	11.5	14.1	13.9	20
21	18.4	16.8	21.8	0	0	2.70	2.70	1.80	8.70	11.8	14.1	17.3	21
22	18.1	16.2	20.9	2.70	0	2.70	2.70	1.80	11.5	12.1	13.8	19.4	22
23	17.4	15.5	19.6	3.10	0	2.70	2.70	1.80	13.7	12.3	13.8	18.4	23
24	16.9	15.1	17.3	3.50	0	3.00	2.70	1.80	13.1	12.3	13.8	18.4	24
25	16.2	19.6	15.8	4.00	0	3.00	2.70	1.80	12.5	12.8	13.5	18.4	25
26	24.1	27.4	14.2	4.50	0	3.30	2.70	1.80	12.1	12.8	13.5	18.4	26
27	31.6	26.9	12.8	5.80	0	3.30	2.40	1.80	11.8	13.0	13.5	18.2	27
28	30.0	26.9	11.4	2.40	0	3.30	2.70	2.10	11.4	13.0	13.5	18.2	28
29	28.5		10.2	0	0	3.30	2.70	2.10	10.8	12.8	13.2	17.9	29
30	26.8		10.1	0	0	3.30	2.70	2.40	10.2	12.5	13.2	17.9	30
31	25.3		10.0		0.300		2.70	2.40		12.1		17.9	31
TOTAL	605.0	624.6	608.3	153.70	0.300	65.600	92.40	61.80	212.00	335.40	390.6	487.1	TOTAL
MEAN	19.5	22.3	19.6	5.12	0.010	2.19	2.98	1.99	7.07	10.8	13.0	15.7	MEAN
MAX	31.6	32.2	30.8	10.0	0.300	3.30	3.30	2.40	13.7	13.0	15.6	19.4	MAX
MIN	12.9	15.1	10.0	0	0	0.300	2.40	1.50	2.40	8.60	10.5	12.6	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.96
MAXIMUM DAILY, 32.2 ON FEB 10
MINIMUM DAILY, 0 ON APR 15

TYPE OF GAUGE - MANUAL
LOCATION - LAT 47 01 44 N
LONG 79 35 14 W
DRAINAGE AREA, 749 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52 300	JUL	7 980
FEB	54 000	AUG	5 340
MAR	52 600	SEP	18 300
APR	13 300	OCT	29 000
MAY	25.9	NOV	33 700
JUN	5 670	DEC	42 100

TOTAL DISCHARGE, 314 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MATTAGAMI RIVER AT LITTLE LONG RAPIDS - STATION NO. 04LG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	56.6	153	206	179	1 990	353	116	287	105	545	1 130	507	1
2	117	144	209	178	2 450	422	198	225	104	562	990	407	2
3	150	134	214	197	2 720	507	196	258	79.9	507	839	388	3
4	161	201	200	191	2 860	411	155	243	80.7	486	839	462	4
5	157	194	217	220	2 880	392	163	166	88.9	379	869	501	5
6	150	108	147	168	2 880	336	147	167	58.9	457	806	501	6
7	120	209	145	186	2 820	327	169	178	45.0	362	785	459	7
8	128	121	210	224	2 710	252	159	137	101	442	719	497	8
9	133	147	196	171	2 580	275	136	114	112	490	728	413	9
10	112	139	195	160	2 170	274	117	185	138	555	602	326	10
11	180	147	202	180	1 840	290	157	131	117	596	608	304	11
12	132	141	205	159	1 520	291	452	229	136	557	526	199	12
13	161	142	153	176	1 450	246	922	204	149	550	610	407	13
14	142	142	146	159	1 200	216	811	150	217	634	616	296	14
15	121	146	178	181	1 030	219	629	222	261	623	622	294	15
16	127	137	150	215	1 040	211	678	168	208	733	625	256	16
17	118	134	162	191	934	221	660	157	223	787	639	301	17
18	144	136	181	215	794	226	682	141	259	777	588	218	18
19	125	135	144	225	745	218	757	146	272	750	571	262	19
20	126	114	140	253	747	207	864	139	409	934	569	251	20
21	131	112	135	263	729	225	806	133	769	1 350	709	227	21
22	114	133	173	254	729	200	697	132	987	1 720	880	232	22
23	123	138	173	306	671	196	664	112	1 100	1 710	886	240	23
24	122	169	165	320	554	208	652	132	870	1 560	779	229	24
25	122	163	200	450	576	197	526	127	849	1 470	743	197	25
26	131	209	91.7	514	535	198	521	125	752	1 520	526	190	26
27	116	194	220	522	498	190	471	132	634	1 330	526	207	27
28	129	200	136	548	396	195	341	119	615	1 350	507	210	28
29	123		158	525	462	244	334	110	585	1 290	507	284	29
30	146		191	1 360	415	218	337	106	555	1 220	437	246	30
31	123		173		381		306	115		1 180		197	31
TOTAL	4 040.6	4 242	5 415.7	8 890	43 306	7 965	13 823	4 950	10 880.4	27 426	20 781	9 708	TOTAL
MEAN	130	152	175	296	1 400	266	446	160	363	885	693	313	MEAN
MAX	180	209	220	1 360	2 880	507	922	258	1 100	1 720	1 130	507	MAX
MIN	56.6	108	91.7	159	381	190	116	106	45.0	362	437	190	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 442
MAXIMUM DAILY, 2 880 ON MAY 5
MINIMUM DAILY, 45.0 ON SEP 7

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 00 15 N
LONG 82 10 00 W
DRAINAGE AREA, 34 700 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	349 000	JUL	1 190 000
FEB	367 000	AUG	428 000
MAR	468 000	SEP	940 000
APR	768 000	OCT	2 370 000
MAY	3 740 000	NOV	1 800 000
JUN	688 000	DEC	839 000

TOTAL DISCHARGE, 13 900 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MATTAGAMI RIVER AT SMOOTH ROCK FALLS - STATION NO. 04LB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	59.7	61.2	58.6	55.2	408	69.4	56.1	57.8	23.8	79.3	174	68.2	1
2	58.9	61.2	58.6	55.2	502	87.2	54.4	56.1	24.6	73.9	125	73.6	2
3	58.9	60.3	60.3	55.2	508	74.5	49.0	49.8	29.4	69.7	125	78.4	3
4	58.9	60.3	62.0	55.2	490	89.5	45.6	52.1	32.8	74.8	125	79.3	4
5	58.9	60.3	62.0	55.2	488	59.5	47.0	55.2	32.8	59.5	125	77.6	5
6	58.9	61.2	62.0	55.2	431	62.3	37.7	56.6	53.0	60.6	125	67.1	6
7	58.9	62.0	57.8	55.2	398	59.5	43.3	56.6	31.1	56.6	118	69.9	7
8	58.9	62.0	58.9	58.6	379	66.0	39.1	56.1	34.5	77.6	108	69.7	8
9	58.9	62.0	59.5	58.6	364	59.5	39.9	57.2	32.6	133	109	64.8	9
10	51.0	62.0	60.3	58.6	230	71.6	41.9	56.1	39.4	98.0	93.4	63.7	10
11	38.5	62.0	60.3	58.6	248	62.0	44.2	56.6	55.5	103	60.0	68.2	11
12	45.6	62.0	58.6	58.6	248	62.0	55.2	57.8	57.8	118	150	67.4	12
13	57.8	59.5	59.5	59.7	126	62.9	59.5	56.6	58.3	169	146	64.6	13
14	59.5	60.3	55.2	59.5	168	60.9	73.3	57.8	57.5	143	133	64.0	14
15	60.3	59.5	55.2	58.3	130	54.4	97.4	58.6	58.9	141	144	60.9	15
16	60.3	59.5	55.2	60.0	133	59.5	74.8	57.8	58.9	179	125	66.0	16
17	59.5	61.2	57.8	65.7	145	59.5	171	56.6	110	170	118	65.1	17
18	54.4	61.2	58.6	66.3	111	59.5	324	53.5	96.8	155	113	63.1	18
19	55.2	61.7	56.6	61.4	85.5	59.5	294	53.0	87.5	227	111	61.4	19
20	57.8	106	55.2	61.7	85.8	60.3	240	53.5	143	238	113	56.9	20
21	58.6	71.6	56.6	61.7	117	60.3	153	53.5	76.7	562	158	68.5	21
22	58.6	58.6	56.6	61.7	94.9	58.6	136	53.5	248	494	165	66.0	22
23	58.6	72.2	56.1	52.1	86.4	58.6	137	53.0	170	418	144	65.4	23
24	58.6	72.2	58.6	62.6	76.5	58.6	88.1	53.0	145	384	114	63.7	24
25	58.6	76.5	56.6	165	72.2	59.5	68.8	53.0	114	278	112	66.0	25
26	58.6	72.2	56.1	319	68.8	58.6	72.5	52.1	106	252	62.6	70.8	26
27	58.6	62.0	55.2	280	75.6	77.0	60.3	52.1	93.7	262	79.0	70.5	27
28	60.3	58.6	56.1	262	60.9	69.7	67.1	52.1	90.3	219	83.3	70.5	28
29	60.3		55.2	319	60.6	58.6	61.7	39.1	110	169	104	67.1	29
30	60.3		56.1	464	60.3	58.6	58.3	35.1	76.5	186	77.0	65.7	30
31	60.3		55.2		60.3		59.2	26.9		185		64.8	31
TOTAL	1 778.2	1 809.3	1 790.6	3 219.1	6 511.8	1 917.6	2 849.4	1 638.8	2 348.4	5 835.0	3 539.3	2 088.9	TOTAL
MEAN	57.4	64.6	57.8	107	210	63.9	91.9	52.9	78.3	188	118	67.4	MEAN
MAX	60.3	106	62.0	464	508	89.5	324	58.6	248	562	174	79.3	MAX
MIN	34.5	58.6	55.2	52.1	60.3	54.4	37.7	26.9	23.6	56.6	60.0	56.9	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 96.8
MAXIMUM DAILY, 562 ON OCT 21
MINIMUM DAILY, 23.8 ON SEP 1

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 16 04 N
LONG 81 38 30 W
DRAINAGE AREA, 10 000 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	154 000	JUL	246 000
FEB	156 000	AUG	142 000
MAR	155 000	SEP	203 000
APR	278 000	OCT	504 000
MAY	563 000	NOV	306 000
JUN	166 000	DEC	180 000

TOTAL DISCHARGE, 3 050 000 dam³

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

REGULATED

MATTAGAMI RIVER NEAR TIMMINS - STATION NO. 04LA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	54.5B	53.0B	70.0	48.1	121	39.0	49.2	42.3	36.3	32.9	82.6	66.6	1
2	54.5B	46.0B	68.4	49.6	135	45.7	48.6	43.5	37.8	31.8	71.9	64.7	2
3	54.0B	58.0B	67.0	48.1	146	47.9	48.0	42.6	36.5	31.1	68.0	61.5	3
4	54.0B	60.0B	66.6	56.8	152	46.7	47.1	41.8	35.8	29.2	63.4	55.6	4
5	58.0B	69.0B	65.8	64.0	140	44.9	46.1	41.3	36.1	24.9	62.8	54.4	5
6	58.5B	66.0B	64.3	53.0	117	42.8	44.7	44.2	35.7	24.6	63.2	53.7	6
7	58.5B	56.0B	63.3	49.9	117	43.8	43.9	45.6	34.8	26.7	62.8	48.3	7
8	56.5B	50.0B	62.1	46.4	127	51.4	45.0	45.4	33.7	31.0	62.4	48.9	8
9	54.0B	54.0B	60.1	40.1	118	50.1	42.8	45.1	34.7	33.0	62.1	57.1	9
10	46.0B	54.0B	59.2	43.0	106	51.3	38.0	43.9	34.5	33.0	62.0	60.1	10
11	36.0B	46.0B	60.3	43.4	88.5	42.1	38.0	43.1	34.2	32.8	61.6	64.2	11
12	36.5B	52.0B	58.0	43.0	71.3	38.0	42.9	42.3	33.7	45.9	63.0	63.3	12
13	51.0B	60.0B	56.9	41.8	65.4	35.8	50.9	41.6	33.5	51.4	67.7	63.7	13
14	50.5B	66.5B	54.4	44.0	60.8	38.1	52.7	40.8	36.9	49.4	66.8	64.8	14
15	50.0B	66.0B	52.6	42.4	56.0	38.5	50.1	40.0	37.4	54.5	68.4	63.5	15
16	50.0B	69.0B	52.6	39.8	53.2	46.2	48.7	39.5	38.8	58.1	67.9	61.5	16
17	50.0B	71.0B	52.2	43.5	50.4	51.3	130	38.6	39.3	58.6	66.3	61.1	17
18	50.0B	90.2	51.8	45.1	48.8	51.8	208	34.7	40.6	63.8	64.6	60.0	18
19	50.0B	98.0	49.9	43.9	47.1	50.7	199	33.9	41.1	77.1	64.2	54.2	19
20	50.0B	96.4	49.1	39.5	51.0	50.3	153	33.6	44.4	93.1	62.3	53.1	20
21	50.0B	92.0	48.2	42.0	53.0	49.6	104	32.4	50.6	128	64.6	52.4	21
22	50.0B	89.3	48.3	37.9	51.6	49.5	77.6	31.8	50.2	142	64.8	56.5	22
23	50.0B	85.2	42.6	38.8	46.9	49.9	60.8	33.5	40.5	138	64.7	56.7	23
24	50.0B	84.6	42.4	43.3	41.4	50.0	45.8	37.5	33.8	130	61.8	57.1	24
25	50.0B	84.5	45.4	64.6	45.1	53.6	41.9	37.6	30.3	122	64.8	56.1	25
26	50.0B	80.9	47.5	85.9	51.7	54.5	41.0	37.4	33.4	115	68.1	58.4	26
27	50.0B	71.2	50.4	88.8	50.1	53.4	47.1	36.9	36.9	106	72.0	53.6	27
28	50.0B	69.2	50.2	91.2	47.1	54.6	49.8	36.5	35.7	96.3	75.3	55.6	28
29	50.0B		48.3	96.7	46.0	53.5	47.7	35.9	34.3	93.2	70.6	56.9	29
30	50.0B		46.9	106	45.0	50.3	40.4	36.1	33.3	89.6	67.3	57.6	30
31	50.0B		47.0		38.8		39.0	36.7		87.1		58.2	31
TOTAL	1 572.5	1 938.0	1 701.8	1 620.6	2 388.2	1 425.3	2 021.8	1 216.1	1 114.8	2 130.1	1 988.0	1 795.4	TOTAL
MEAN	50.7	69.2	54.9	54.0	77.0	47.5	65.2	39.2	37.2	68.7	66.3	57.9	MEAN
MAX	58.5	98.0	70.0	106	152	54.6	208	45.6	50.6	142	82.6	66.6	MAX
MIN	36.0	46.0	42.4	37.9	38.8	35.8	38.0	31.8	30.3	24.6	61.6	48.3	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 57.3
MAXIMUM DAILY, 208 ON JUL 18
MINIMUM DAILY, 24.6 ON OCT 6
MAXIMUM INSTANTANEOUS,
217 AT 18:43 EST ON JUL 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 23 52 N
LONG 81 26 45 W
DRAINAGE AREA, 5 540 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	136 000	JUL	175 000
FEB	167 000	AUG	105 000
MAR	147 000	SEP	96 300
APR	140 000	OCT	184 000
MAY	206 000	NOV	172 000
JUN	123 000	DEC	155 000

TOTAL DISCHARGE, 1 810 000 dam³

MATTAWA RIVER BELOW BOUILLON LAKE - STATION NO. 02JE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.25B	6.15B	5.50	11.9	64.5	6.19	6.05	1.11	5.97	8.55	10.0	16.5	1
2	8.20B	6.10B	5.42B	14.8	52.0	6.67	5.77	0.971	7.08	8.35	9.92	16.6	2
3	8.20B	6.10B	5.41B	17.1	47.0	6.63	5.74	0.904	7.87	8.01	10.5	18.6	3
4	8.60B	6.05B	5.40B	19.9	40.0	6.52	5.39	0.872	8.75	7.47	11.6	22.2	4
5	8.80B	6.00B	5.39B	21.9	27.3	6.39	5.17	0.868	8.78	4.15	14.3	25.7	5
6	8.65B	5.95B	5.39B	22.8	25.6	6.14	4.92	0.884	9.56	2.95	20.9	33.3	6
7	8.50B	5.95B	5.39B	22.7	23.0	5.80	4.86	0.884	9.29	3.32	20.9	42.4	7
8	8.35B	5.90B	5.39B	22.0	16.3	5.62	4.92	0.888	9.00	5.62	19.6	45.9	8
9	8.10B	5.90B	5.39	21.6	15.9	5.48	4.73	0.916	8.52	8.21	18.3	44.0	9
10	7.90B	5.85B	5.31	22.3	16.0	5.25	4.53	0.912	8.07	10.2	16.8	40.5	10
11	7.80B	5.85B	5.40	23.1	16.1	5.15	4.48	0.892	7.43	11.4	15.9	38.0	11
12	7.65B	5.80B	5.52	24.3	16.0	5.01	4.70	0.862	6.86	12.0	17.6	34.8	12
13	7.50B	5.80B	5.68	28.3	14.7	5.25	4.97	0.855	6.38	14.3	23.8	31.6	13
14	7.35B	5.75B	6.13	37.5	9.51	5.14	4.99	0.859	6.47	23.2	25.6	28.2	14
15	7.20B	5.75B	6.46	46.5	8.91	5.19	4.96	0.877	6.28	23.1	25.4	24.9	15
16	7.05B	5.75B	6.76	54.9	9.67	5.82	4.86	0.909	6.37	21.9	24.0	22.7	16
17	6.95B	5.70B	7.28	69.5	9.97	5.76	4.80	0.892	6.48	20.4	22.5	20.5	17
18	6.85B	5.70B	7.69	91.3	10.2	5.76	4.67	0.873	7.09	18.7	20.8	18.7	18
19	6.75B	5.70	8.17	100	10.5	6.50	4.47	0.887	7.45	17.3	19.5	17.2	19
20	6.65B	5.63	8.35	95.4	10.7	7.41	4.21	0.909	7.61	16.3	18.5	16.3	20
21	6.60B	5.63	8.35	91.7	10.4	7.35	3.98	0.888	7.73	16.0	18.2	15.7	21
22	6.55B	5.62	8.39	89.6	9.67	7.51	3.83	0.908	7.67	15.4	18.6	14.7	22
23	6.50B	5.60B	8.49	83.2	9.13	7.57	3.68	1.33	7.47	15.0	19.3	13.9	23
24	6.45B	5.55B	8.45	80.6	9.22	7.40	3.47	1.40	7.90	14.4	20.3	13.8	24
25	6.40B	5.53B	8.62	82.5	9.11	7.51	3.32	1.56	12.3	13.8	20.2	15.9	25
26	6.35B	5.52B	8.96	86.3	9.07	7.43	3.16	1.73	11.9	13.1	19.9	27.5	26
27	6.35B	5.50B	9.08	87.2	8.84	7.20	2.98	2.36	10.6	12.5	19.0	40.3	27
28	6.30B	5.52	9.06	83.3	8.41	6.94	2.52	7.66	9.82	12.0	17.9	47.1	28
29	6.30B		9.00	78.0	6.85	6.70	1.52	8.00	8.92	11.3	17.2	55.2	29
30	6.25B		8.97	71.9	5.83	6.44	1.06	6.94	8.48	10.9	16.7	56.6	30
31	6.20B		9.45		5.92		1.07	6.15		10.4		53.0	31
TOTAL	225.55	161.85	218.25	1 602.1	535.91	189.73	129.78	56.950	244.10	390.23	553.72	912.4	TOTAL
MEAN	7.28	5.78	7.04	53.4	17.3	6.32	4.19	1.84	8.14	12.6	18.5	29.4	MEAN
MAX	8.80	6.15	9.45	100	64.5	7.57	6.05	8.00	12.3	23.2	25.6	56.6	MAX
MIN	6.20	5.50	5.31	11.9	5.83	5.01	1.06	0.855	5.97	2.95	9.92	13.9	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.3
MAXIMUM DAILY, 100 ON APR 19
MINIMUM DAILY, 0.855 ON AUG 13
MAXIMUM INSTANTANEOUS,
101 AT 07:48 EST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 56 N
LONG 78 54 26 W
DRAINAGE AREA, 909 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 500	JUL	11 200
FEB	14 000	AUG	4 920
MAR	18 900	SEP	21 100
APR	138 000	OCT	33 700
MAY	46 300	NOV	47 800
JUN	16 400	DEC	78 800

TOTAL DISCHARGE, 451 000 dam³

REMARKS - DRAINAGE AREA REVISED IN MARCH 1982

MCGREGOR CREEK NEAR CHATHAM - STATION NO. 02GE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.20 B	0.575B	1.44 B	13.0	0.358	1.22	0.467	1.37	0.072	0.320	0.332	4.10	1
2	1.80 B	0.550B	1.38 B	5.42	0.357	1.50	0.345	1.01	0.081	0.168	10.1	2.78	2
3	2.40 B	0.530B	1.32 B	7.24	0.334	1.22	0.263	7.50	0.126	0.137	18.2	2.59	3
4	13.0 B	0.520B	1.30 B	8.33	0.301	0.788	0.312	2.51	0.120	0.124	6.49	6.79	4
5	21.0 B	0.510B	1.55 B	2.85	0.276	0.808	0.502	1.05	0.103	0.122	2.59	6.49	5
6	12.0	0.490B	1.35 B	1.69	0.261	3.59	0.535	0.563	0.085	0.106	1.61	11.6	6
7	5.61	0.480B	1.15 B	1.23	0.327	2.96	0.380	0.334	0.073	0.103	1.15	3.81	7
8	3.07	0.470B	1.03 B	1.53	0.476	1.64	0.249	0.796	0.061	0.093	0.907	2.17	8
9	1.80 B	0.460B	0.941B	5.99	0.448	1.26	0.177	2.23	0.069	0.111	0.725	1.76	9
10	1.30 B	0.450B	0.880B	7.88	0.394	0.915	0.139	1.24	0.060	0.104	0.645	1.51	10
11	0.900B	0.445B	7.60 B	6.19	0.358	0.682	0.135	0.551	0.038	0.103	0.640	1.33	11
12	0.620B	0.440B	22.0 B	7.59	0.302	0.525	0.152	0.205	0.007	0.091	2.84	0.706B	12
13	0.500B	0.435B	67.0 B	6.20	0.270	0.433	0.114	0.275	0.115	0.094	5.04	0.678B	13
14	0.410B	0.430B	65.0 B	3.73	0.247	0.379	0.100	0.210	0.087	0.061	1.92	0.628B	14
15	0.370B	0.430B	32.3 B	2.41	0.223	0.316	0.094	0.151	0.014	0.103	1.29	0.735B	15
16	0.340B	0.460B	20.0 B	2.04	0.214	0.640	0.099	0.123	0.029	0.074	0.935	15.8	16
17	0.310B	0.490B	16.0 B	4.74	0.214	1.02	0.046	0.064	0.031	0.067	0.709	8.18	17
18	0.290B	0.540B	13.0 B	4.49	0.214	0.593	0.127	0.140	0.014	0.065	0.457	2.43	18
19	0.280B	0.580B	11.3 B	2.21	0.202	0.654	0.119	0.053	0.275	0.075	0.697	2.65	19
20	0.260B	0.640B	9.50 B	1.67	0.194	1.93	0.502	0.070	0.081	0.174	4.03	11.9	20
21	0.275B	0.700B	8.63	1.53	0.180	3.68	1.03	0.155	0.095	0.201	25.2	7.55	21
22	0.290B	0.780B	6.67	1.23	0.169	4.79	0.439	0.103	0.073	0.174	20.1	3.04	22
23	0.310B	0.860B	5.54	0.956	0.148	1.92	0.159	0.111	0.062	0.157	9.32	3.47	23
24	0.350B	0.940B	5.46	0.809	0.143	1.12	0.072	0.056	0.023	0.151	17.6	6.09	24
25	1.05 B	1.10 B	5.08	0.692	0.146	0.754	0.203	0.144	0.202	0.123	6.67	17.3	25
26	0.960B	1.80 B	5.59	0.609	0.157	0.556	0.100	0.059	0.270	0.202	3.31	18.4	26
27	0.880B	1.68 B	3.92	0.556	0.232	0.476	0.127	0.092	0.749	0.354	2.52	6.71	27
28	0.820B	1.60 B	2.41	0.479	9.42	0.463	6.13	0.067	1.78	0.244	5.60	15.2	28
29	0.960B		2.67	0.406	11.7	0.458	6.26	0.060	1.10	0.185	19.2	6.46	29
30	1.20 B		3.88	0.377	3.37	0.536	1.56	0.077	0.482	0.140	8.02	2.23 B	30
31	0.950B		17.7		1.56		0.943	0.173		0.357		1.57 B	31
TOTAL	75.505	19.385	343.591	104.074	33.195	37.826	21.880	21.582	6.377	4.583	178.847	176.657	TOTAL
MEAN	2.44	0.692	11.1	3.47	1.07	1.26	0.706	0.696	0.213	0.148	5.96	5.70	MEAN
MAX	21.0	1.80	67.0	13.0	11.7	4.79	6.26	7.50	1.78	0.357	25.2	18.4	MAX
MIN	0.260	0.430	0.880	0.377	0.143	0.316	0.046	0.053	0.007	0.061	0.332	0.628	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.80
MAXIMUM DAILY, 67.0B ON MAR 13
MINIMUM DAILY, 0.007 ON SEP 12
MAXIMUM INSTANTANEOUS,
106B AT 21:08 EST ON MAR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 23 00 N
LONG 82 05 39 W
DRAINAGE AREA, 202 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 520	JUL	1 890
FEB	1 670	AUG	1 860
MAR	29 700	SEP	551
APR	8 998	OCT	396
MAY	2 870	NOV	15 500
JUN	3 270	DEC	15 300

TOTAL DISCHARGE, 88 500 dam³

MCINTYRE RIVER AT THUNDER BAY - STATION NO. 02AB016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.103B	0.075B	0.073B	0.375B	7.35	1.42	1.18	0.607	0.735	0.813	2.22	1.06 B	1
2	0.102B	0.074B	0.073B	0.380B	6.81	1.28	1.17	0.578	0.876	0.807	1.93	1.24 B	2
3	0.101B	0.074B	0.073B	0.370B	6.40	1.20	1.27	3.43	0.820	1.15	2.09	1.45 B	3
4	0.100B	0.073B	0.072B	0.355B	5.97	1.14	1.34	6.57	0.716	1.24	2.30	1.50 B	4
5	0.098B	0.073B	0.072B	0.345B	6.07	1.10	1.56	3.78	0.664	1.08	1.97	1.30 B	5
6	0.097B	0.072B	0.072B	0.340B	6.22	1.09	10.1	1.88	0.604	2.25	1.81	1.05 B	6
7	0.096B	0.072B	0.071B	0.342B	6.18	1.10	16.1	1.47	0.562	8.51	1.71	0.880B	7
8	0.095B	0.071B	0.071B	0.350B	5.48	1.06	11.4	1.26	0.515	7.65	1.71	0.760B	8
9	0.094B	0.070B	0.070B	0.365B	4.40	1.18	6.55	1.09	0.491	4.86	1.52	0.670B	9
10	0.093B	0.070B	0.070B	0.385B	4.69	1.85	4.16	0.949	0.511	13.3	1.67	0.600B	10
11	0.092B	0.070B	0.072B	0.410B	6.95	1.98	3.41	0.763	0.555	15.3	2.20	0.545B	11
12	0.091B	0.069B	0.074B	0.455B	6.25	1.74	2.60	0.644	0.740	11.6	2.16	0.495B	12
13	0.090B	0.069B	0.077B	0.530B	6.02	1.48	2.97	0.533	1.75	9.67	1.10	0.450B	13
14	0.089B	0.069B	0.080B	0.761	8.14	1.91	3.11	0.494	2.03	6.99	1.10	0.415B	14
15	0.088B	0.068B	0.082B	1.03	7.66	2.54	2.71	0.450	1.32	5.36	1.47	0.385B	15
16	0.087B	0.068B	0.083B	1.56	5.93	2.27	2.11	0.402	1.04	4.25	1.62	0.355B	16
17	0.086B	0.068B	0.083B	2.35	5.04	2.18	3.75	0.350	1.03	4.16	1.51	0.337B	17
18	0.085B	0.069B	0.082B	2.72	4.93	1.95	4.02	1.00	1.02	3.97	1.65	0.318B	18
19	0.084B	0.073B	0.082B	2.31	4.84	1.76	2.36	3.44	0.953	4.83	1.67	0.300B	19
20	0.084B	0.075B	0.081B	2.53	4.21	1.63	1.60	1.87	0.840	4.74	7.10	0.285B	20
21	0.083B	0.076B	0.081B	2.52	3.45	1.74	1.35	1.10	0.808	3.57	19.4	0.275B	21
22	0.082B	0.077B	0.080B	3.40	2.88	1.78	1.94	1.10	0.761	2.89	12.1	0.264B	22
23	0.081B	0.076B	0.080B	6.33	2.47	1.71	0.977	0.999	0.682	2.55	7.08	0.254B	23
24	0.080B	0.076B	0.080B	11.6	2.24	1.62	0.839	0.815	0.751	2.30	4.44	0.247B	24
25	0.080B	0.075B	0.079B	17.5	2.02	1.64	0.786	0.851	0.873	2.20	2.82	0.239B	25
26	0.079B	0.075B	0.079B	16.8	1.81	1.57	0.697	0.710	0.680	1.86	1.77 B	0.232B	26
27	0.078B	0.074B	0.081B	12.0	1.65	1.51	0.594	0.532	0.613	1.73	1.42 B	0.225B	27
28	0.078B	0.074B	0.086B	9.60	1.55	1.42	0.732	0.490	0.619	1.63	1.16 B	0.220B	28
29	0.077B		0.093B	8.96	1.45	1.30	0.913	0.588	0.765	2.18	1.00 B	0.214B	29
30	0.076B		0.110B	8.38	1.41	1.24	0.846	0.652	0.820	3.25	0.960B	0.209B	30
31	0.076B		0.290B		1.33		0.708	0.639		2.76		0.204B	31
TOTAL	2.725	2.025	2.652	115.353	141.80	47.39	93.052	40.036	25.144	139.450	92.660	16.978	TOTAL
MEAN	0.088	0.072	0.086	3.85	4.57	1.58	3.00	1.29	0.838	4.50	3.09	0.548	MEAN
MAX	0.103	0.077	0.290	17.5	8.14	2.54	16.1	6.57	2.03	15.3	19.4	1.50	MAX
MIN	0.076	0.068	0.070	0.340	1.33	1.06	0.594	0.350	0.491	0.807	0.960	0.204	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.97
MAXIMUM DAILY, 19.4 ON NOV 21
MINIMUM DAILY, 0.068B ON FEB 15
MAXIMUM INSTANTANEOUS,
23.5 AT 17:30 EST ON NOV 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 25 07 N
LONG 89 15 55 W
DRAINAGE AREA, 145 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	235	JUL	8 040
FEB	175	AUG	3 460
MAR	229	SEP	2 170
APR	9 970	OCT	12 000
MAY	12 300	NOV	8 010
JUN	4 090	DEC	1 470

TOTAL DISCHARGE, 62 100 dam³

MCKENZIE CREEK NEAR CALEDONIA - STATION NO. 02GB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.700B	0.520B	0.436B	20.3	0.527	2.52	0.568	0.257	0.443	1.02	0.455	3.12	1
2	0.695B	0.510B	0.430B	18.1	0.530	2.98	0.413	0.294	0.433	0.986	0.577	2.93	2
3	0.680B	0.505B	0.422B	14.2	0.592	2.29	0.396	0.299	0.390	0.913	0.687	3.33	3
4	2.10 B	0.498B	0.420B	12.8	0.643	1.64	0.428	0.295	0.321	0.761	2.08	3.17	4
5	1.85 B	0.488B	0.411B	9.93	0.643	1.57	0.433	0.286	0.238	0.610	3.72	3.32	5
6	1.55 B	0.480B	0.408B	6.85	0.641	2.14	0.434	0.262	0.197	0.512	3.46	4.99	6
7	1.30 B	0.475B	0.402B	4.34	0.622	2.58	0.491	0.254	0.176	0.480	2.82	5.07	7
8	1.18 B	0.465B	0.401B	4.01	0.726	2.80	0.427	0.260	0.187	0.464	2.74	4.52	8
9	1.02 B	0.460B	0.400B	3.65	0.801	3.00	0.322	0.278	0.243	0.420	2.43	4.02	9
10	0.950B	0.455B	0.654B	3.96	0.663	3.19	0.313	0.310	0.255	0.427	1.55	3.27	10
11	0.880B	0.448B	1.60 B	3.76	0.720	2.73	0.299	0.316	0.256	0.468	1.07	1.90B	11
12	0.820B	0.440B	3.30 B	3.53	0.866	1.84	0.297	0.288	0.257	0.522	1.15	1.62B	12
13	0.782B	0.438B	10.6 B	3.44	0.933	1.19	0.283	0.289	0.256	0.562	1.44	1.50B	13
14	0.750B	0.430B	16.2 B	3.26	0.789	0.792	0.276	0.292	0.250	0.560	1.58	1.40B	14
15	0.730B	0.550B	24.0 B	2.86	0.635	0.671	0.271	0.293	0.250	0.534	1.67	1.12	15
16	0.700B	0.530B	26.0 B	2.58	0.636	0.706	0.254	0.280	0.246	0.513	1.60	4.16	16
17	0.678B	0.520B	22.7 B	2.66	0.746	0.721	0.252	0.269	0.242	0.495	1.40	3.70B	17
18	0.655B	0.507B	19.0 B	2.82	0.823	0.837	0.260	0.285	0.258	0.485	1.18	3.30B	18
19	0.630B	0.500B	17.4	2.52	0.683	1.23	0.257	0.276	0.255	0.466	0.996	2.90B	19
20	0.610B	0.490B	15.0	2.62	0.565	1.98	0.252	0.261	0.254	0.463	0.890	2.60B	20
21	0.600B	0.485B	14.2	4.37	0.521	2.93	0.251	0.242	0.267	0.447	1.02	2.20B	21
22	0.580B	0.480B	13.5	3.93	0.537	5.25	0.241	0.233	0.308	0.429	1.60	1.90B	22
23	0.610B	0.478B	13.6	3.07	0.543	4.25	0.243	0.218	0.370	0.420	2.28	1.70B	23
24	0.598B	0.470B	14.2	2.54	0.567	3.10	0.229	0.207	0.374	0.432	4.21	4.43	24
25	0.578B	0.465B	14.6	1.98	0.567	2.74	0.215	0.257	0.418	0.441	4.53	13.1	25
26	0.560B	0.460B	12.1	1.63	0.545	2.49	0.205	0.275	0.574	0.447	3.85	16.0	26
27	0.540B	0.452B	8.97	1.32	0.551	1.92	0.215	0.331	0.862	0.449	3.17	15.5	27
28	0.570B	0.445B	7.25	1.09	0.567	1.38	0.276	0.475	1.01	0.417	2.62	14.1	28
29	0.560B		5.63	0.825	0.627	0.920	0.298	0.559	1.15	0.418	2.77	10.7	29
30	0.540B		6.11	0.605	0.820	0.752	0.297	0.559	1.09	0.416	3.37	7.29	30
31	0.530B		15.8		1.39		0.276	0.489		0.429		5.20	31
TOTAL	25.526	13.444	286.144	149.550	21.019	63.059	9.672	9.489	11.830	16.406	62.915	150.06	TOTAL
MEAN	0.823	0.480	9.23	4.99	0.678	2.10	0.312	0.306	0.394	0.529	2.10	4.97	MEAN
MAX	2.10	0.550	26.0	20.3	1.39	5.25	0.568	0.559	1.15	1.02	4.53	16.0	MAX
MIN	0.530	0.430	0.400	0.605	0.521	0.671	0.205	0.207	0.176	0.416	0.455	1.12	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.26
MAXIMUM DAILY, 26.0B ON MAR 16
MINIMUM DAILY, 0.176 ON SEP 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 02 03 N
LONG 79 57 00 W
DRAINAGE AREA, 171 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 210	JUL	836
FEB	1 160	AUG	820
MAR	24 700	SEP	1 020
APR	12 900	OCT	1 420
MAY	1 820	NOV	5 440
JUN	5 450	DEC	13 300

TOTAL DISCHARGE, 71 100 dam³

THAMES RIVER AT LONDON - STATION NO. 02GD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.00 B	0.530B	0.555B	38.8	0.964	2.16	0.458	0.101	0.393	1.07	0.544	7.65	1
2	1.30 B	0.525B	0.565B	14.5	0.994	1.66	0.478	0.561	0.695	0.783	1.73	5.61	2
3	1.35 B	0.520B	0.570B	14.5	0.908	1.28	0.363	0.206	0.418	0.704	7.08	4.72	3
4	4.30 B	0.515B	0.570B	12.7	0.739	1.03	0.587	0.269	0.258	0.631	6.77	8.37	4
5	5.45 B	0.510B	0.565B	6.95	0.772	1.47	0.508	0.299	0.175	0.524	5.01	11.1	5
6	4.00 B	0.505B	0.575B	5.87	0.671	1.88	0.441	0.270	0.152	0.487	3.58	14.6	6
7	3.00 B	0.505B	0.580B	5.20	0.676	1.83	0.403	0.185	0.210	0.555	2.58	10.2	7
8	2.60 B	0.500B	0.580B	4.69	0.693	1.44	0.335	0.556	0.242	0.506	2.09	6.87	8
9	1.90 B	0.500B	0.576B	6.67	0.684	1.23	0.386	0.301	0.262	0.400	1.63	4.79	9
10	1.55 B	0.510B	0.580B	7.80	0.666	1.03	0.204	0.308	0.278	0.514	1.39	3.84	10
11	1.30 B	0.530B	0.695B	6.52	0.585	0.850	0.189	0.295	0.225	0.601	2.81	3.23	11
12	1.10 B	0.540B	1.02 B	6.77	0.554	0.726	0.199	0.296	0.133	0.529	8.85	2.53	12
13	0.950B	0.530B	4.00 B	8.57	0.555	0.975	0.372	0.251	0.152	0.507	11.7	1.62B	13
14	0.940B	0.510B	15.0 B	8.48	0.523	0.670	0.264	0.233	0.234	0.481	7.40	1.62B	14
15	0.750B	0.490B	18.0 B	6.17	0.369	0.834	0.372	0.216	0.631	0.471	5.06	2.10	15
16	0.700B	0.480B	21.0	5.35	0.446	0.758	0.389	0.194	1.27	0.950	3.67	9.44	16
17	0.640B	0.475B	23.5	8.86	0.508	0.789	0.276	0.120	0.585	0.892	2.94	10.3	17
18	0.580B	0.470B	24.0	7.96	0.434	0.721	0.191	0.042	0.536	0.729	2.48	5.57	18
19	0.549B	0.470B	21.1	5.21	0.493	0.824	0.229	0.050	0.356	0.597	2.18	4.06	19
20	0.530B	0.470B	21.3	4.56	0.460	0.786	0.285	0.050	0.407	0.633	2.55	3.51	20
21	0.515B	0.470B	24.3	4.37	0.482	0.933	0.306	0.056	0.482	0.582	10.1	2.88	21
22	0.520B	0.475B	20.8	3.35	0.432	0.735	0.339	0.069	0.513	0.611	12.9	2.43	22
23	0.625B	0.479B	24.4	2.59	0.771	0.706	0.258	0.099	0.498	0.507	8.50	2.78	23
24	0.660B	0.480B	26.8	2.15	0.728	0.617	0.178	0.087	0.560	0.529	13.6	12.6	24
25	0.645B	0.485B	21.6	1.85	0.652	0.498	0.094	3.45	1.21	0.517	10.2	47.1	25
26	0.620B	0.490B	12.9	1.72	0.516	0.468	0.140	0.319	1.26	0.434	6.19	36.3	26
27	0.600B	0.500B	8.99	1.54	0.871	0.472	0.258	0.299	1.85	0.484	4.42	12.3	27
28	0.580B	0.515B	6.73	1.27	5.85	0.465	0.234	0.322	2.55	0.435	3.88	10.3	28
29	0.565B		6.20	1.10	8.44	0.583	0.299	0.260	1.99	0.478	8.72	8.98	29
30	0.555B		11.6	1.00	4.22	0.516	0.249	0.299	1.38	0.349	10.9	5.52	30
31	0.540B		75.8		2.73		0.195	0.349		0.415		3.64	31
TOTAL	40.814	13.979	395.451	207.07	38.296	28.946	9.439	10.412	20.105	17.905	171.454	266.32	TOTAL
MEAN	1.32	0.499	12.8	6.90	1.24	0.965	0.304	0.336	0.670	0.578	5.72	8.59	MEAN
MAX	5.45	0.540	75.8	38.8	8.44	2.16	0.587	3.45	2.55	1.07	13.6	47.1	MAX
MIN	0.515	0.470	0.555	1.00	0.369	0.465	0.094	0.042	0.133	0.349	0.544	1.62	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.36
MAXIMUM DAILY, 75.8 ON MAR 31
MINIMUM DAILY, 0.042 ON AUG 18
MAXIMUM INSTANTANEOUS,
115 AT 09:50 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 00 50 N
LONG 81 16 39 W
DRAINAGE AREA, 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 530	JUL	816
FEB	1 210	AUG	900
MAR	34 200	SEP	1 740
APR	17 900	OCT	1 550
MAY	3 310	NOV	14 800
JUN	2 500	DEC	23 000

TOTAL DISCHARGE, 105 000 dam³

REMARKS - DRAINAGE AREA REVISED USING NEW INFORMATION

MICHELL CREEK BELOW CLAREMONT - STATION NO. 02HC045

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.140B	0.072B	0.081B	2.65	0.116	---	---	---	---	---	---	---	1
2	0.160B	0.074B	0.078B	0.980	0.112	---	---	---	---	---	---	---	2
3	0.170B	0.076B	0.078B	3.47	0.110	---	---	---	---	---	---	---	3
4	0.195B	0.075B	0.080B	0.976B	0.110A	---	---	---	---	---	---	---	4
5	0.360B	0.073B	0.086B	0.460B	0.105A	---	---	---	---	---	---	---	5
6	0.165B	0.072B	0.084B	0.340B	---	---	---	---	---	---	---	---	6
7	0.138B	0.072B	0.080B	0.212B	---	---	---	---	---	---	---	---	7
8	0.120B	0.072B	0.078B	0.249B	---	---	---	---	---	---	---	---	8
9	0.110B	0.072B	0.077B	0.340B	---	---	---	---	---	---	---	---	9
10	0.100B	0.072B	0.078B	0.427	---	---	---	---	---	---	---	---	10
11	0.094B	0.071B	0.086B	0.487	---	---	---	---	---	---	---	---	11
12	0.090B	0.071B	0.100B	0.457	---	---	---	---	---	---	---	---	12
13	0.086B	0.072B	0.380B	0.824	---	---	---	---	---	---	---	---	13
14	0.084B	0.072B	0.800B	0.664	---	---	---	---	---	---	---	---	14
15	0.080B	0.078B	0.710B	0.578	---	---	---	---	---	---	---	---	15
16	0.081B	0.082B	0.620B	0.594	---	---	---	---	---	---	---	---	16
17	0.079B	0.087B	0.590B	1.05	---	---	---	---	---	---	---	---	17
18	0.078B	0.089B	0.560B	0.718	---	---	---	---	---	---	---	---	18
19	0.076B	0.090B	0.520B	0.346	---	---	---	---	---	---	---	---	19
20	0.075B	0.091B	0.620B	0.709	0.081A	---	---	---	---	---	---	---	20
21	0.075B	0.092B	0.640B	0.684	-	---	---	---	---	---	---	---	21
22	0.075B	0.093B	0.640B	0.281	---	---	---	---	---	---	---	---	22
23	0.079B	0.093B	0.700B	0.215	---	---	---	---	---	---	---	---	23
24	0.076B	0.093B	0.925	0.200	---	---	---	---	---	---	---	---	24
25	0.074B	0.092B	0.831	0.181	---	---	---	---	---	---	---	---	25
26	0.073B	0.090B	0.460B	0.164	---	---	---	---	---	---	---	---	26
27	0.072B	0.088B	0.375B	0.162	---	---	---	---	---	---	---	---	27
28	0.072B	0.085B	0.285B	0.139	---	---	---	---	---	---	---	---	28
29	0.072B		0.375B	0.130	---	---	---	---	---	---	---	---	29
30	0.072B		0.639B	0.120	---	---	---	---	---	---	---	---	30
31	0.072B		7.62		---		---	---		---		---	31
TOTAL	3.293	2.259	19.276	18.867	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.106	0.081	0.622	0.627	---	---	---	---	---	---	---	---	MEAN
MAX	0.360	0.093	7.62	3.47	---	---	---	---	---	---	---	---	MAX
MIN	0.072	0.071	0.077	0.120	---	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 7.62 ON MAR 31

MAXIMUM INSTANTANEOUS,
15.9 AT 14:55 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 40 N
LONG 79 07 41 W
DRAINAGE AREA, 25.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	285	JUL	---
FEB	195	AUG	---
MAR	1 670	SEP	---
APR	1 630	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - GAUGE DISCONTINUED MAY 05

MICHIPICOTEN RIVER AT HIGH FALLS - STATION NO. 02BD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.7	74.8	56.4	74.6	92.3	29.4	52.2	72.2	54.9	67.1	74.8	90.2	1
2	44.1	70.0	47.3	66.3	105	51.8	71.2	58.5	58.7	58.9	68.3	90.4	2
3	46.9	73.6	65.0	33.0	123	69.9	75.0	73.2	59.3	54.5	74.1	104	3
4	71.8	73.8	67.2	31.5	116	55.2	70.5	80.6	51.3	52.3	75.8	98.0	4
5	63.1	76.8	47.2	63.2	115	74.2	47.3	71.0	28.9	54.0	74.3	103	5
6	66.3	70.9	47.0	69.2	115	55.2	36.8	80.8	22.5	70.2	75.2	102	6
7	72.9	60.4	46.7	75.7	115	60.5	41.7	75.4	62.8	66.2	73.1	103	7
8	68.5	72.1	67.6	70.3	108	61.6	46.6	63.1	74.9	69.1	71.8	103	8
9	70.7	75.4	65.8	24.2	87.0	68.4	75.6	75.2	70.8	66.3	75.0	103	9
10	71.3	75.4	66.3	29.3	73.7	73.3	75.4	83.1	72.7	40.5	75.8	99.6	10
11	65.4	76.0	59.5	23.1	71.7	74.3	69.7	79.5	69.6	41.5	71.6	102	11
12	67.7	75.5	57.7	32.4	74.5	75.0	70.2	80.7	59.7	59.0	77.8	99.0	12
13	73.5	72.5	45.8	43.4	75.4	74.2	71.7	83.8	62.7	72.1	89.9	102	13
14	66.8	62.6	45.5	62.9	67.3	75.2	74.7	69.2	66.9	69.4	90.1	103	14
15	67.0	70.5	51.4	54.9	38.3	75.3	81.1	68.3	66.7	73.1	90.3	106	15
16	76.5	68.6	72.0	58.0	37.5	72.9	83.6	74.7	74.8	72.2	90.0	107	16
17	69.5	73.5	64.6	47.8	50.6	72.6	72.0	83.1	73.9	66.9	90.0	99.4	17
18	72.6	65.3	57.1	35.7	39.4	74.9	76.1	84.2	75.4	65.6	89.8	91.2	18
19	70.6	61.5	64.8	47.6	53.4	75.4	75.7	70.5	71.2	67.5	90.6	90.7	19
20	73.2	41.0	43.3	67.9	49.8	65.6	74.9	71.5	74.6	72.2	90.4	91.4	20
21	73.3	40.9	16.3	70.3	43.8	73.7	78.8	47.7	75.0	72.3	90.0	90.5	21
22	74.7	62.4	14.6	70.7	21.1	51.0	85.2	47.8	75.2	73.2	89.4	88.7	22
23	61.1	56.6	53.2	56.2	32.3	51.0	80.8	69.7	75.3	68.1	90.4	89.2	23
24	56.0	73.3	62.1	37.5	29.5	74.2	30.7	78.2	74.8	67.2	90.2	88.8	24
25	75.9	75.8	52.3	41.4	32.5	74.3	75.3	73.6	74.1	69.9	90.0	89.3	25
26	74.6	70.2	66.4	67.8	27.4	60.3	74.9	79.6	69.9	68.6	90.6	89.2	26
27	69.6	65.6	67.1	81.8	29.1	70.3	67.8	81.6	70.7	67.6	89.8	85.0	27
28	66.5	51.9	44.8	77.2	34.8	73.0	71.2	75.4	68.6	73.1	90.2	82.4	28
29	75.3		44.9	87.6	26.1	74.3	86.7	71.7	72.3	71.6	90.0	84.8	29
30	60.6		67.3	82.0	19.7	67.7	82.2	67.7	74.7	67.7	89.7	88.2	30
31	68.3		67.6		20.4		81.0	72.1		69.2		88.1	31
TOTAL	2 054.0	1 886.9	1 694.8	1 683.5	1 924.6	2 004.7	2 156.6	2 263.7	1 982.9	2 027.1	2 509.0	2 952.1	TOTAL
MEAN	66.3	67.4	54.7	56.1	62.1	66.8	69.6	73.0	66.1	65.4	83.6	95.2	MEAN
MAX	76.5	76.8	72.0	87.6	123	75.4	86.7	84.2	75.4	73.2	90.6	107	MAX
MIN	19.7	40.9	14.6	23.1	19.7	29.4	30.7	47.7	22.5	40.5	68.3	82.4	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 68.9
MAXIMUM DAILY, 123 ON MAY 3
MINIMUM DAILY, 14.6 ON MAR 22

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 54 05 N
LONG 84 42 35 W
DRAINAGE AREA, 5 130 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	177 000	JUL	186 000
FEB	163 000	AUG	196 000
MAR	146 000	SEP	171 000
APR	145 000	OCT	175 000
MAY	166 000	NOV	217 000
JUN	173 000	DEC	255 000

TOTAL DISCHARGE, 2 170 000 dam³

DATA CONTRIBUTED BY -
GREAT LAKES POWER COMPANY LIMITED

REGULATED SINCE 1929

REMARKS - STATION RELOCATED IN SEP 1977. RECORDS PRIOR TO JAN 01 1980 PUBLISHED AS MICHIPICOTEN RIVER BELOW SCOTT FALLS

MIDDLE MAITLAND RIVER NEAR BELGRAVE - STATION NO. 02FE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.43B	1.70B	1.28B	199	4.34	1.86	4.10	0.795	1.16	5.41	1.56	41.4	1
2	2.67B	1.67B	1.27B	208	3.97	1.83	2.57	0.861	1.24	4.03	7.98	28.0	2
3	3.24B	1.64B	1.26B	165	3.45	1.75	1.86	0.835	1.13	3.01	23.7	21.9	3
4	3.96B	1.61B	1.30B	114	3.11	1.68	1.53	1.16	1.15	2.35	22.4	32.1	4
5	5.42B	1.58B	1.31B	55.5	2.83	1.51	1.36	2.95	1.06	1.94	14.8	42.2	5
6	7.84B	1.56B	1.26B	42.1	2.55	1.64	1.19	4.29	0.963	1.65	11.1	49.2	6
7	5.46B	1.53B	1.22B	31.8	2.45	2.50	1.05	2.60	0.811	1.48	8.64	48.2	7
8	4.90B	1.52B	1.19B	26.3	2.46	3.10	0.932	1.90	0.714	1.43	7.81	28.6	8
9	4.25B	1.50B	1.10B	32.5	2.30	2.48	0.832	1.48	0.636	1.48	7.21	19.0	9
10	3.72B	1.49B	1.17B	37.8	2.05	2.01	0.762	1.21	0.596	1.53	6.08	12.8	10
11	3.44B	1.48B	1.21B	29.5	1.89	1.74	0.737	1.07	0.573	1.49	5.59	10.6	11
12	3.24B	1.46B	2.50B	26.3	1.79	1.47	0.702	0.912	0.555	1.33	11.1	8.50B	12
13	3.12B	1.44B	5.62B	42.3	1.72	1.26	0.697	0.814	0.511	1.29	34.8	7.14B	13
14	2.98B	1.42B	12.4 B	50.2	1.60	1.10	0.704	0.734	0.496	1.30	27.0	7.05B	14
15	2.82B	1.41B	20.3 B	39.1	1.49	1.12	0.654	0.668	0.476	1.36	16.3	7.03	15
16	2.66B	1.40B	24.4 B	35.2	1.42	2.33	0.611	0.630	0.471	1.45	10.5	17.8	16
17	2.55B	1.39B	29.5 B	46.4	1.41	2.74	0.656	0.594	0.461	1.58	8.81	30.4	17
18	2.47B	1.50B	32.5 B	43.9	1.34	1.98	1.17	0.540	0.681	1.67	8.01	18.3	18
19	2.36B	1.65B	36.0 B	25.6	0.985	9.15	2.98	0.493	0.611	1.58	8.15	12.1	19
20	2.28B	1.54B	40.8 B	19.2	1.24	32.4	2.75	0.465	0.888	1.57	8.98	9.25	20
21	2.20B	1.47B	43.6 B	25.7	1.27	28.3	2.03	0.436	0.891	1.66	24.1	8.06	21
22	2.13B	1.42B	42.5 B	18.3	1.26	32.3	1.44	0.426	0.875	1.68	50.4	7.07	22
23	2.09B	1.39B	30.9 B	11.9	1.20	17.0	1.12	0.491	0.906	1.66	38.9	6.87	23
24	2.49B	1.37B	34.4 B	9.34	1.21	8.62	0.875	0.454	0.904	1.53	39.4	26.8	24
25	2.71B	1.35B	45.0 B	7.97	1.16	6.26	0.755	0.955	1.25	1.45	39.2	89.7	25
26	2.42B	1.33B	57.7 B	6.89	1.14	5.07	0.676	3.61	3.60	1.37	23.8	102	26
27	2.09B	1.32B	49.3 B	6.42	1.10	4.17	0.640	6.16	6.88	1.31	15.2	76.2	27
28	1.98B	1.31B	40.7 B	6.43	1.48	3.44	0.777	3.77	10.8	1.26	10.9	41.5	28
29	1.87B		37.8 B	5.48	1.82	2.96	0.677	2.35	12.8	1.21	21.6	34.1	29
30	1.81B		44.0	4.82	2.11	4.82	0.854	1.68	7.63	1.19	47.7	22.6	30
31	1.76B		125		2.01		0.877	1.31		1.18		14.0 B	31
TOTAL	95.36	41.45	768.57	1 372.95	60.155	188.59	38.528	46.643	61.719	54.43	561.72	880.47	TOTAL
MEAN	3.08	1.48	24.8	45.8	1.94	6.29	1.24	1.50	2.06	1.76	18.7	28.4	MEAN
MAX	7.84	1.70	125	208	4.34	32.4	4.10	6.16	12.8	5.41	50.4	102	MAX
MIN	1.76	1.31	1.17	4.82	0.985	1.10	0.611	0.426	0.461	1.18	1.56	6.87	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.4
MAXIMUM DAILY, 208 ON APR 2
MINIMUM DAILY, 0.426 ON AUG 22
MAXIMUM INSTANTANEOUS,
228 AT 03:06 EST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 48 46 W
LONG 81 18 25 W
DRAINAGE AREA, 648 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 240	JUL	3 330
FEB	3 580	AUG	4 030
MAR	66 400	SEP	5 330
APR	119 000	OCT	4 700
MAY	5 200	NOV	48 500
JUN	16 300	DEC	76 100

TOTAL DISCHARGE, 361 000 dam³

MIDDLE MAITLAND RIVER NEAR LISTOWEL - STATION NO. 02FE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.136B	0.102B	0.088B	17.5	0.402	0.315	0.229	0.055	0.086	0.478	0.840	3.83	1
2	0.140B	0.100	0.070	8.90	0.365	0.342	0.190	0.158	0.079	0.344	3.76	2.48	2
3	0.153B	0.096	0.061	11.3	0.335	0.292	0.160	0.099	0.084	0.267	3.57	2.23	3
4	0.264B	0.093	0.056	4.51	0.303	0.204	0.148	1.24	0.075	0.233	2.40	5.71	4
5	0.421	0.090	0.055	3.65	0.270	0.299	0.139	1.00	0.071	0.197	1.89	4.37	5
6	0.555	0.088B	0.044	3.15	0.247	0.481	0.121	0.484	0.072	0.174	1.42	9.95	6
7	0.538	0.086B	0.049	2.53	0.216	0.461	0.108	0.271	0.068	0.196	1.19	4.40	7
8	0.422B	0.082B	0.051	2.29	0.226	0.382	0.092	0.203	0.054	0.240	1.24	2.31	8
9	0.366B	0.079	0.052	3.02	0.201	0.313	0.071	0.167	0.050	0.218	1.01	1.53 B	9
10	0.319B	0.079B	0.048	2.87	0.199	0.244	0.057	0.124	0.041	0.185	0.807	1.20 B	10
11	0.277B	0.078	0.086	1.99	0.188	0.188	0.112	0.100	0.034	0.188	0.842	1.03	11
12	0.249B	0.076	0.120	2.18	0.171	0.145	0.086	0.082	0.032	0.175	3.33	0.832B	12
13	0.222B	0.070	0.373	4.99	0.152	0.120	0.083	0.076	0.034	0.187	4.34	0.701B	13
14	0.211	0.070	0.717	3.97	0.126	0.110	0.073	0.062	0.033	0.201	2.16	0.628B	14
15	0.202B	0.089	0.820	3.63	0.115	0.213	0.063	0.051	0.031	0.136	1.46	0.693	15
16	0.194B	0.092	1.32	3.80	0.113	0.264	0.045	0.052	0.031	0.270	1.15	3.19	16
17	0.180B	0.079	2.20	6.40	0.123	0.212	0.292	0.044	0.032	0.291	0.992	2.18 B	17
18	0.174B	0.077	2.42	3.50	0.106	0.311	0.249	0.036	0.166	0.270	0.976	1.33 B	18
19	0.168B	0.075B	2.21	2.06	0.100	3.48	0.432	0.038	0.101	0.239	1.07	1.02	19
20	0.160B	0.074B	2.07 B	2.08	0.118	3.54	0.228	0.032	0.099	0.253	1.39	0.863	20
21	0.157	0.072B	1.98 B	2.33	0.091	11.3	0.139	0.038	0.078	0.258	9.16	0.762	21
22	0.152	0.071B	1.89 B	1.43	0.077	4.72	0.096	0.046	0.087	0.217	7.21	0.675	22
23	0.219	0.069B	2.51 B	1.11	0.078	1.84	0.075	0.046	0.118	0.196	3.53	0.746	23
24	0.282B	0.068B	4.81 B	0.902	0.085	1.10	0.063	0.040	0.115	0.183	6.37	7.09	24
25	0.225B	0.064B	7.14	0.749	0.091	0.755	0.049	0.480	0.373	0.175	3.42	17.4	25
26	0.157	0.060B	4.93	0.691	0.086	0.694	0.040	0.455	0.447	0.164	1.91	10.2	26
27	0.115	0.058B	3.77	0.744	0.084	0.559	0.052	0.240	0.865	0.160	1.38	3.94	27
28	0.117	0.056B	2.65	0.607	0.235	0.460	0.186	0.155	1.53	0.148	1.20	3.51	28
29	0.111		2.03	0.515	0.344	0.383	0.102	0.111	1.00	0.138	5.79	2.93	29
30	0.104		4.08	0.451	0.336	0.310	0.074	0.107	0.806	0.119	7.69	1.65	30
31	0.103B		36.7		0.324		0.065	0.094		0.158		1.23 B	31
TOTAL	7.093	2.193	85.480	103.849	5.987	34.037	3.919	6.186	6.692	6.658	83.497	100.610	TOTAL
MEAN	0.229	0.078	2.75	3.46	0.191	1.13	0.126	0.200	0.223	0.215	2.78	3.25	MEAN
MAX	0.555	0.102	36.7	17.5	0.402	11.3	0.432	1.24	1.53	0.478	9.16	17.4	MAX
MIN	0.103	0.056	0.044	0.451	0.077	0.110	0.040	0.032	0.031	0.119	0.807	0.628	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.22
MAXIMUM DAILY, 36.7 ON MAR 31
MINIMUM DAILY, 0.031 ON SEP 15
MAXIMUM INSTANTANEOUS,
58.6 AT 19:34 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 43 38 N
LONG 80 58 20 W
DRAINAGE AREA, 77.7 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	613	JUL	339
FEB	189	AUG	534
MAR	7 380	SEP	578
APR	8 970	OCT	575
MAY	510	NOV	7 210
JUN	2 940	DEC	8 690

TOTAL DISCHARGE, 38 500 dam³

MIDDLE SEVERN RIVER AT WASHAGO - STATION NO. 02EC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.50E	18.0	16.4	17.6	3.62	4.48	17.8	8.09E	5.27	3.31	1.02	2.54	1
2	2.50E	17.7	16.4	16.2	3.72	4.03	17.8	8.06E	5.32	3.13E	1.11	2.63	2
3	2.50E	17.7	15.8	15.9	3.62	3.72	17.8 E	8.04	5.36	2.95E	1.49	2.82	3
4	2.50	17.7	15.8	17.1	3.72	3.91	17.8 E	7.99	5.17E	2.78	1.49	2.82	4
5	2.40	18.0	16.1	18.9	3.81	3.97E	17.8	7.66	4.98E	2.83	1.68	2.82	5
6	2.40	17.9E	16.1E	15.0	3.81	4.04E	18.2	7.70	4.79E	2.81	2.06	3.49	6
7	2.50	17.8E	16.1E	13.4	3.81	4.10	14.8	7.68E	4.60	2.73	2.02E	3.68	7
8	2.50	17.7	16.1	13.4	3.72	4.19	9.55	7.66E	4.55	2.77	1.97	3.49	8
9	2.50E	17.7	15.8	13.4	3.72	4.10	9.46	7.65	4.59	2.70E	1.59	3.49	9
10	2.50E	17.7	15.8	13.4	3.72	4.10	9.49E	7.50	4.54	2.63E	1.78	3.77	10
11	2.50	17.7	15.8	13.7	4.00	4.19	9.52E	7.36	4.43E	2.56E	2.01E	3.11	11
12	2.40	17.4	15.8	14.0	3.81	4.25E	9.55	7.12	4.32E	2.48	2.25	3.39	12
13	2.40	17.3E	15.8E	14.5	3.81	4.32E	9.17	6.88	4.20	2.33	2.12E	3.87	13
14	2.40	17.2E	15.8E	14.5	3.91	4.38	9.27	6.83E	4.25	2.28	1.99E	3.39	14
15	2.40	17.1	15.8	14.5	3.91	4.48	9.27	6.78E	3.91	2.23	1.87	3.49	15
16	2.40E	17.1	15.8	8.23	3.82E	9.94	9.12	6.73	3.96	2.12E	1.97	3.30	16
17	2.40E	17.1	15.8	3.64	3.72	18.1	9.17E	6.49	3.81	2.01E	1.97	3.20	17
18	3.22	17.1	16.4	3.05	3.84	20.9	9.22E	6.25	3.83E	1.90	1.87	3.23E	18
19	3.92	17.1	16.4	3.15	3.81	20.7 E	9.26	6.39	3.85E	1.94	1.87	3.26E	19
20	11.7	17.1E	16.5E	3.43	4.10	20.4	8.93	6.34	3.86	1.89	1.90E	3.30	20
21	18.4	17.1E	16.6E	3.62	3.72	26.2	8.88	6.32E	3.81	1.65	1.93E	3.30	21
22	18.4	17.1	16.7	3.53	3.77E	31.1	8.83	6.30E	3.66	1.22	1.97	17.9	22
23	18.3 E	17.1	17.1	3.24	3.82E	30.8	8.59	6.29	3.52	1.23E	2.06	24.5	23
24	18.2 E	16.7	17.7	3.72	3.87E	30.8	8.51E	5.95	3.47	1.24E	1.78	21.9	24
25	18.0	16.7	17.7	3.72	3.91	22.8	8.43E	5.91	3.42E	1.26	2.44	21.9 E	25
26	17.9	16.4	18.4	3.72	3.91	14.8	8.34	6.05	3.37E	1.12	2.44	11.0	26
27	17.7	16.4E	18.3E	3.34	4.00	15.0	8.39	6.09	3.32	1.07	2.44E	3.87	27
28	17.7	16.4E	18.2E	3.62	4.00	15.0	8.43	6.01E	3.27	1.35	2.44E	4.25	28
29	17.7		18.1	3.62	4.03E	16.6	8.19	5.93E	3.22	1.11	2.44	4.44	29
30	17.8 E		18.7	3.72	4.07E	18.2	8.15	5.85	3.26	1.08E	2.54	4.72	30
31	17.9 E		19.7		4.10		8.12E	5.42		1.05E		4.25	31
TOTAL	258.54	484.0	517.5	282.85	119.20	373.60	335.84	211.32	123.91	63.76	58.51	187.12	TOTAL
MEAN	8.34	17.3	16.7	9.43	3.85	12.5	10.8	6.82	4.13	2.06	1.95	6.04	MEAN
MAX	18.4	18.0	19.7	18.9	4.10	31.1	18.2	8.09	5.36	3.31	2.54	24.5	MAX
MIN	2.40	16.4	15.8	3.05	3.62	3.72	8.12	5.42	3.22	1.05	1.02	2.54	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.26
MAXIMUM DAILY, 31.1 ON JUN 22
MINIMUM DAILY, 1.02 ON NOV 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 44 56 N
LONG 79 19 57 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	22 300	JUL	29 000
FEB	41 800	AUG	18 300
MAR	44 700	SEP	10 700
APR	24 400	OCT	5 510
MAY	10 300	NOV	5 060
JUN	32 300	DEC	16 200

TOTAL DISCHARGE, 261 000 dam³

MIDDLE THAMES RIVER AT THAMESFORD - STATION NO. 02GD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.59	1.10 B	0.870B	78.6	2.06	4.40	1.45	0.579	0.753	2.30	0.842	9.21	1
2	1.66	1.08 B	0.890B	30.9	1.91	5.18	1.18	0.785	0.792	1.83	2.76	6.44	2
3	1.58	1.06 B	0.890B	32.8	1.78	3.34	1.08	0.924	1.52	1.53	8.10	5.64	3
4	5.71	1.08 B	0.880B	29.1	1.65	2.59	1.20	0.864	1.17	1.34	7.42	10.3	4
5	10.5	1.09 B	0.860B	14.6	1.57	2.58	1.22	0.840	0.917	1.21	6.11	12.5	5
6	6.13	1.11 B	0.830B	11.4	1.53	8.93	1.05	0.724	0.785	1.10	4.07	37.1	6
7	4.35	1.12 B	0.810B	9.52	1.49	7.37	0.940	0.630	0.725	1.07	2.87	20.3	7
8	1.729	1.06 B	0.788B	7.95	1.58	5.02	0.865	0.748	0.677	1.12	2.32	10.1	8
9	1.60L	1.01 B	0.799B	10.5	1.60	3.71	0.804	0.819	0.651	1.06	1.92	6.90	9
10	1.55b	1.00 B	0.800B	11.5	1.44	2.93	0.753	0.692	0.631	1.04	1.67	4.98	10
11	1.50B	0.990B	1.00 B	9.51	1.40	2.39	0.730	0.608	0.616	1.41	2.67	3.94	11
12	1.45B	0.970B	2.52 B	9.94	1.37	1.95	0.766	0.577	0.593	1.44	10.9	3.11	12
13	1.41B	0.970B	7.99 B	17.2	1.33	2.31	0.699	0.550	0.565	1.23	14.2	2.83	13
14	1.36B	0.980B	21.0 B	17.3	1.28	2.71	0.664	0.528	0.566	1.19	8.47	2.37	14
15	1.32B	1.00 B	22.6 B	12.1	1.23	1.90	0.637	0.524	1.48	1.10	5.44	2.83	15
16	1.31B	1.05 B	21.8 B	10.5	1.22	3.12	0.617	0.518	2.09	1.07	3.93	13.9	16
17	1.29B	1.06 B	23.6 B	19.9	1.23	2.50	0.665	0.499	1.28	1.03	3.43	12.8	17
18	1.27B	1.04 B	23.1 B	15.0	1.18	1.87	1.02	0.481	1.19	0.976	3.03	5.90	18
19	1.25B	1.00 B	22.1 B	9.08	1.19	2.28	1.05	0.471	1.21	0.946	2.81	4.06	19
20	1.24B	0.970B	21.8 B	10.2	1.53	2.74	1.03	0.490	1.06	0.934	3.01	3.51	20
21	1.23B	0.950B	28.0 B	14.2	1.29	2.59	0.759	0.486	0.885	0.984	14.4	3.01	21
22	1.22B	0.930B	23.5	8.06	1.24	2.37	0.670	0.496	0.870	0.904	19.0	2.66	22
23	1.33B	0.910B	29.2	5.65	1.67	1.89	0.630	0.544	4.02	0.869	10.3	2.75	23
24	1.40B	0.890B	32.9	4.44	1.41	1.58	0.580	0.530	4.77	0.838	16.4	10.8	24
25	1.39B	0.870B	30.5	3.67	1.29	1.39	0.549	5.74	4.59	0.829	10.8	48.8	25
26	1.36B	0.865B	20.8	3.22	1.22	1.34	0.580	3.89	5.14	0.800	5.94	44.1	26
27	1.31B	0.860B	13.2	2.97	1.39	1.32	0.587	1.64	4.88	0.800	4.15	18.8	27
28	1.25B	0.858B	9.41	2.59	13.3	1.22	0.683	1.14	7.90	0.762	3.66	17.6	28
29	1.21B		9.24	2.34	9.90	1.98	0.712	0.940	4.69	0.754	9.81	15.9	29
30	1.15B		18.6	2.17	5.41	2.11	0.625	0.890	3.02	0.764	13.6	8.35	30
31	1.12B		120		5.51		0.607	0.822		0.764		5.19	31
TOTAL	68.56	27.873	507.277	416.91	73.20	87.61	25.362	29.969	60.036	33.994	204.032	355.88	TOTAL
MEAN	2.08	0.995	16.4	13.9	2.36	2.92	0.818	0.967	2.00	1.10	6.80	11.5	MEAN
MAX	10.5	1.12	120	78.6	13.3	8.93	1.45	5.74	7.90	2.30	19.0	48.8	MAX
MIN	1.12	0.858	0.788	2.17	1.18	1.22	0.540	0.471	0.565	0.754	0.842	2.37	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.17
MAXIMUM DAILY, 120 ON MAR 31
MINIMUM DAILY, 0.471 ON AUG 19
MAXIMUM INSTANTANEOUS,
137 AT 05:43 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 03 32 N
LONG 80 59 18 W
DRAINAGE AREA, 306 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 580	JUL	2 190
FEB	2 410	AUG	2 590
MAR	43 800	SEP	5 190
APR	36 000	OCT	2 940
MAY	6 320	NOV	17 600
JUN	7 570	DEC	30 700

TOTAL DISCHARGE, 163 000 dam³

MILLHAVEN CREEK NEAR MILLHAVEN - STATION NO. 02HM006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.21 B	0.780B	0.481B	16.3	0.453	2.43	1.02	0.079	0.083	1.99 E	0.695	3.16	1
2	1.10 B	0.765B	0.477B	18.5	0.439	3.92	0.737	0.118	0.105	1.82 E	0.987	3.18	2
3	1.20 B	0.760B	0.462B	15.8	0.433	3.46	0.753	0.118	0.082	1.70 E	0.951	3.32	3
4	1.92 B	0.810B	0.460B	15.9	0.402	3.11	0.730	0.100	0.080	1.55 E	2.92	3.49	4
5	2.37 B	0.795B	0.467B	14.6	0.386	3.04	0.564	0.092	0.080	1.43 E	3.52	3.80	5
6	2.33 B	0.770B	0.461B	14.1	0.373	4.07	0.479	0.074	0.083	1.36 E	2.72	3.71	6
7	2.26 B	0.750B	0.448B	11.5 B	0.372	4.08	0.359	0.079	0.095	1.83 E	2.58	3.66	7
8	2.13 B	0.720B	0.440B	11.4 B	0.570	3.48	0.316	0.083	0.202	2.30 E	2.41	3.70	8
9	2.00 B	0.669B	0.439B	9.64	1.30	3.26	0.271	0.089	0.172	2.70 E	2.41	3.38B	9
10	1.89 B	0.678B	0.439B	8.43	0.887	3.03	0.247	0.078	0.159	2.32 E	2.33	3.12B	10
11	1.78 B	0.665B	0.450B	7.69	0.614	2.95	0.334	0.086	0.116	2.07 E	1.97	2.90B	11
12	1.68 B	0.649B	0.705B	7.17	0.467	2.75	0.647	0.080	0.093	1.80 E	2.04	2.66B	12
13	1.61 B	0.638B	1.31 B	6.54	0.443	2.44	0.481	0.082	0.098	1.78 E	2.62	2.43B	13
14	1.52 B	0.621B	2.20 B	6.60	0.405	2.31	0.494	0.096	0.278	1.72 E	2.51	2.20B	14
15	1.44 B	0.612B	4.20 B	6.13	0.310	2.26	0.460	0.084	0.614	1.44 A	2.15	1.91	15
16	1.35 B	0.604B	4.01 B	5.61	0.255	2.11	0.394	0.082	0.981	1.42	1.88	3.78	16
17	1.29 B	0.600B	3.89 B	5.30	0.263	2.21	0.361	0.076	0.911	1.37	1.71	2.87B	17
18	1.22 B	0.595B	3.70 B	5.17	0.240	1.96	0.285	0.070	0.987	1.24	1.65	2.55B	18
19	1.14 B	0.590B	3.50 B	5.22	0.194	1.96	0.219	0.072	0.910	1.08	1.50	2.53B	19
20	1.08 B	0.602B	3.38 B	5.27	0.227	1.62	0.261	0.077	1.03	1.00	1.31	2.49B	20
21	1.04 B	0.598B	4.30 B	6.07	0.208	1.86	0.258	0.071	1.21	0.740	1.34	2.40B	21
22	0.990B	0.585B	6.00 B	5.50	0.194	1.99	0.202	0.073	1.22	0.955	1.81	2.30B	22
23	0.955B	0.560B	6.59 B	4.91	0.202	1.88	0.163	0.091	1.77 E	0.939	1.74	2.28	23
24	0.915B	0.542B	6.18 B	4.31	0.229	1.92	0.157	0.088	1.90 E	0.894	2.30	2.44	24
25	0.882B	0.530B	5.22 B	3.91	0.232	1.55	0.111	0.278	1.67 E	0.861	2.04	3.79	25
26	0.850B	0.518B	10.2 B	3.68	0.175	1.66	0.096	0.144	1.40 E	0.795	2.04	5.79	26
27	0.822B	0.502B	9.78 B	3.45	0.161	1.49	0.080	0.088	1.62 E	0.741	2.17 B	5.05	27
28	0.795B	0.498B	9.40 B	2.17	0.904	1.28	0.155	0.090	2.00 E	0.687	2.17 B	4.96	28
29	0.775B		9.35	0.552	2.45	1.24	0.112	0.084	2.33 E	0.662	2.78	4.66	29
30	0.760B		9.43	0.468	1.84	1.28	0.136	0.081	2.28 E	0.609	3.20	4.32B	30
31	0.775B		12.6		1.78		0.171	0.082		0.619		4.41B	31
TOTAL	42.079	18.014	120.969	227.890	17.408	72.60	11.047	2.885	24.559	42.422	62.453	103.24	TOTAL
MEAN	1.36	0.643	3.90	7.60	0.562	2.42	0.356	0.093	0.819	1.37	2.08	3.33	MEAN
MAX	2.37	0.818	12.6	16.3	2.45	4.08	1.02	0.278	2.33	2.70	3.52	5.79	MAX
MIN	0.760	0.498	0.439	0.468	0.161	1.24	0.080	0.070	0.080	0.609	0.695	1.91	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.84
MAXIMUM DAILY, 16.3 ON APR 1
MINIMUM DAILY, 0.070 ON AUG 18
MAXIMUM INSTANTANEOUS,
18.3 AT 20:49 EST ON APR 3

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 13 34 N
LONG 76 45 30 W
DRAINAGE AREA, 150 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 640	JUL	954
FEB	1 560	AUG	249
MAR	10 500	SEP	2 120
APR	19 700	OCT	3 670
MAY	1 500	NOV	5 400
JUN	6 270	DEC	8 920

TOTAL DISCHARGE, 64 500 dam³

MIMICO CREEK AT ISLINGTON - STATION NO. 02HC033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.88	0.080B	0.430	2.30	0.388	1.14	0.349	0.134	0.171	0.315	1.26	0.695	1
2	0.527	0.110B	0.446	1.12	0.317	0.525	0.215	0.466	0.366	0.249	3.48	0.685	2
3	0.508	0.130B	0.357	6.77	0.296	0.240	0.156	0.316	0.314	0.217	4.01	0.699	3
4	8.95	0.140B	0.181	1.74	0.295	0.182	0.128	3.02	0.148	0.180	8.81	2.47	4
5	1.58 B	0.160B	0.503	0.844	0.271	2.40	0.115	0.384	0.085	0.183	3.24	2.01	5
6	0.740B	0.150B	0.455	0.715	0.244	3.91	0.130	0.176	0.081	0.168	0.865	3.85	6
7	0.500B	0.130B	0.304	0.549	0.212	1.32	0.154	0.122	0.153	4.73	0.473	0.849	7
8	0.400B	0.110B	0.289	0.576	1.71	0.621	0.164	0.690	0.187	2.31	0.375	0.491	8
9	0.320B	0.140B	0.202	0.538	0.557	0.378	0.176	1.14	0.169	0.502	0.315	0.341B	9
10	0.270B	0.160B	0.223	0.492	0.269	0.291	0.146	0.208	0.121	0.281	0.271	0.305B	10
11	0.240B	0.150B	2.10	0.732	0.243	0.195	0.093	0.136	0.109	1.71	0.711	0.260B	11
12	0.210B	0.140B	2.73	0.638	0.304	0.188	0.083	0.123	0.092	0.522	0.818	0.141B	12
13	0.180B	0.130B	16.0	1.11	0.396	0.474	0.100	0.125	0.105	0.319	0.426	0.150B	13
14	0.150B	0.250B	10.3	0.797	0.213	0.630E	0.102	0.114	6.76	0.272	0.260	0.135B	14
15	0.130B	0.880B	5.40	0.609	0.171	0.400E	0.112	0.076	3.14	0.443	0.232B	0.405B	15
16	0.120B	1.94	4.29	0.721	0.101	1.10 E	0.127	0.076	0.507	0.265	0.224	4.82	16
17	0.110B	1.12	6.72	2.79	0.087	0.900E	0.985	0.102	0.273	0.179	0.202	0.552B	17
18	0.100B	0.659	3.11	1.16	0.089	0.500E	0.914	0.105	2.80	0.157	0.199	0.278B	18
19	0.090B	0.972	4.38	0.827	0.634	1.30 E	0.692	0.263	0.473	0.197	0.186	0.168B	19
20	0.080B	0.958	4.57	3.28	1.17	0.472	0.159	4.91	0.250	0.452	0.204	0.165B	20
21	0.070B	1.70	2.64	1.83	0.247	2.37	0.106	0.420	0.224	0.274	2.59	0.165B	21
22	0.070B	1.03	3.46	0.886	0.209	1.50	0.095	0.323	1.10	0.163	1.06	0.180B	22
23	0.090B	0.860	3.28	0.675	0.902	0.678	0.087	0.340	2.68	0.131	1.14	0.630B	23
24	0.080B	0.681	2.62	0.529	0.310	0.311	0.063	0.171	1.05	0.154	3.64	6.15	24
25	0.070B	0.440B	2.20	0.440	0.183	0.582	0.057	9.57	1.33	0.113	0.636B	9.57 E	25
26	0.060B	0.410B	2.17	0.392	0.196	2.01	0.061	0.776	0.524	0.129	0.390B	4.11 E	26
27	0.060B	0.460B	1.06	0.380	0.235	0.335	0.111	0.285	5.51	0.145	0.310B	1.12	27
28	0.070B	0.532	0.729	0.340	1.79	0.205	2.16	0.173	2.05	0.150	0.853	2.63	28
29	0.080B		1.04	0.420	0.754	9.23	0.277	0.120	0.613	0.151	3.27	1.12	29
30	0.100B		1.57	0.401	0.369	0.914	0.132	0.352	0.394	0.139	1.35	0.410B	30
31	0.090B		7.98		0.339		0.136	0.216		0.229		0.301B	31
TOTAL	17.925	14.622	91.739	34.601	13.501	35.301	8.385	25.432	31.779	15.429	41.800	45.655	TOTAL
MEAN	0.578	0.522	2.96	1.15	0.436	1.18	0.270	0.820	1.06	0.498	1.39	1.47	MEAN
MAX	8.95	1.94	16.0	6.77	1.79	9.23	2.16	9.57	6.76	4.73	8.81	9.57	MAX
MIN	0.060	0.080	0.181	0.340	0.087	0.182	0.057	0.076	0.081	0.113	0.186	0.135	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.03
MAXIMUM DAILY, 16.0 ON MAR 13
MINIMUM DAILY, 0.057 ON JUL 25
MAXIMUM INSTANTANEOUS,
33.4 AT 18:06 EST ON SEP 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 50 N
LONG 79 31 10 W
DRAINAGE AREA, 70.6 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 550	JUL	724
FEB	1 260	AUG	2 200
MAR	7 930	SEP	2 750
APR	2 990	OCT	1 330
MAY	1 170	NOV	3 610
JUN	3 050	DEC	3 940

TOTAL DISCHARGE, 32 500 dam³

REMARKS - DRAINAGE AREA REVISED NOV 1982

MISSINAIBI RIVER AT MATTICE - STATION NO. 04LJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.3B	10.3 B	8.10B	10.1B	790	99.3	51.7	60.6	21.5	171	324	122 B	1
2	12.3B	10.2 B	8.00B	10.3B	858	95.0	47.5	56.7	21.3	160	289	118 B	2
3	12.2B	10.2 B	8.00B	10.5B	870	91.9	43.9	53.0	22.4	151	261	118 B	3
4	12.2B	10.1 B	8.00B	10.8B	867	88.8	41.1	49.4	26.4	143	244	135 B	4
5	12.2B	10.0 B	8.00B	11.0B	867	83.8	38.6	46.2	35.1	135	236	150 B	5
6	12.1B	9.90B	7.90B	11.5B	855	78.2	37.1	44.0	40.6	125	232	147 B	6
7	12.1B	9.90B	7.90B	11.8B	817	73.5	35.9	42.5	40.9	128	224	136 B	7
8	12.1B	9.80B	7.90B	12.0B	749	69.1	35.1	41.1	40.4	201	213	120 B	8
9	12.1B	9.80B	7.80B	12.5B	622	66.0	35.6	39.9	39.4	291	199	110 B	9
10	12.0B	9.70B	7.80B	13.3B	568	64.7	36.7	39.1	37.1	316	184	101 B	10
11	12.0B	9.70B	7.70B	14.0B	482	63.9	39.8	38.3	35.0	298	173	95.0B	11
12	12.0B	9.60B	7.70B	15.0B	420	62.9	122	37.8	32.8	270	160B	89.0B	12
13	11.9B	9.50B	7.60B	16.0B	376	62.0	314	37.3	31.7	249	150B	84.0B	13
14	11.9B	9.40B	7.60B	17.5B	339	60.5	388	35.6	42.1	243	142B	80.0B	14
15	11.8B	9.30B	7.60B	19.0B	309	58.3	380	33.9	64.8	241	135B	77.5B	15
16	11.8B	9.20B	7.70B	20.2B	284	56.6	335	32.1	72.2	243	129B	74.0B	16
17	11.7B	9.20B	7.70B	21.2B	263	56.2	322	30.7	72.4	239	124B	71.0B	17
18	11.7B	9.10B	7.70B	22.5B	244	55.2	295	29.1	81.6	228	120B	69.0B	18
19	11.6B	9.00B	7.80B	24.0B	235	54.4	261	28.7	96.1	233	118B	66.0B	19
20	11.5B	8.90B	7.90B	26.0B	233	53.7	221	29.7	170	266	120B	64.0B	20
21	11.4B	8.85B	7.90B	29.0B	230	52.4	182	28.9	328	308	173B	61.0B	21
22	11.3B	8.85B	8.00B	32.0B	221	50.9	158	28.7	407	339	183B	59.0B	22
23	11.2B	8.80B	8.00B	35.0B	207	49.9	140	29.0	391	346	182B	58.0B	23
24	11.1B	8.75B	8.10B	39.0B	190	50.5	126	29.0	335	331	172B	56.0B	24
25	11.0B	8.70B	8.30B	45.0B	173	53.7	113	28.5	280	342	163B	54.0B	25
26	10.9B	8.60B	8.50B	70.0B	158	61.6	101	28.8	235	363	151B	52.0B	26
27	10.8B	8.40B	8.80B	120 B	145	66.5	89.9	26.6	199	360	142B	50.0B	27
28	10.7B	8.20B	9.10B	210 B	134	65.1	83.6	25.0	170	361	137B	49.0B	28
29	10.6B		9.30B	540 B	123	60.9	77.5	24.0	158	371	130B	47.5B	29
30	10.5B		9.76B	724	113	56.1	71.7	22.9	171	375	127B	46.0B	30
31	10.4B		9.90B		105		66.0	22.5		356		45.0B	31
TOTAL	359.4	262.05	252.06	2 153.2	12 847	1 961.6	4 285.7	1 099.6	3 697.8	8 183	5 337	2 604.0	TOTAL
MEAN	11.6	9.36	8.13	71.8	414	65.4	138	35.5	123	264	178	84.0	MEAN
MAX	12.3	10.3	9.90	724	870	99.3	388	60.6	407	375	324	150	MAX
MIN	10.4	8.20	7.60	10.1	105	49.9	35.1	22.5	21.3	125	118	45.0	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 118
MAXIMUM DAILY, 870 ON MAY 3
MINIMUM DAILY, 7.60B ON MAR 13
MAXIMUM INSTANTANEOUS,
873 AT 04:17 EST ON MAY 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 00 N
LONG 83 15 48 W
DRAINAGE AREA, 8 940 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 100	JUL	370 000
FEB	22 600	AUG	95 000
MAR	21 800	SEP	319 000
APR	186 000	OCT	707 000
MAY	1 110 000	NOV	461 000
JUN	169 000	DEC	225 000

TOTAL DISCHARGE, 3 720 000 dam³

MISSINAIBI RIVER BELOW WABOOSE RIVER - STATION NO. 04LM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.9B	22.6B	19.5B	20.0B	1 490	303	126	186	56.0E	365E	680E	265 B	1
2	27.8B	22.4B	19.4B	20.3B	1 800	318	121	169	54.5E	360E	620E	260 B	2
3	27.4B	22.3B	19.3B	20.7B	2 110	317	109	151	54.0E	330E	600E	250 B	3
4	27.2B	22.2B	19.2B	21.3B	2 330	303	97.3	140	63.0E	310E	550E	268 B	4
5	27.0B	22.1B	19.1B	21.7B	2 530	282	93.7	127	80.0E	295E	510E	290 B	5
6	26.9B	22.0B	19.1B	22.2B	2 610	257	91.6	118	87.0E	280E	505E	320 B	6
7	26.7B	21.9B	19.0B	22.7B	2 610	234	101	113	87.0E	268E	495E	290 B	7
8	26.6B	21.8B	19.0B	23.2B	2 510	212	115	108	85.0E	280E	470E	255 B	8
9	26.3B	21.7B	18.9B	23.8B	2 300	196	136	108	82.0E	350E	440E	240 B	9
10	26.2B	21.6B	18.9B	24.5B	2 050	181	139	119	78.0E	410E	410A	220 B	10
11	25.9B	21.4B	18.8B	25.3B	1 830	170	151	138	73.0E	460E	375B	205 B	11
12	25.6B	21.3B	18.8B	26.2B	1 630	179	316	156 A	69.5E	450E	355B	195 B	12
13	25.4B	21.1B	18.7B	27.0B	1 450	176	695	152 E	68.0E	460E	335B	180 B	13
14	25.2B	21.0B	18.6B	28.5B	1 310	168	1 040	141 E	90.0E	450E	315B	170 B	14
15	25.1B	20.9B	18.5B	30.5B	1 190	163	1 090	126 E	135 E	465E	295B	163 B	15
16	24.9B	20.9B	18.4B	34.0B	1 100	162	1 010	110 E	154 E	510E	280B	157 B	16
17	24.8B	20.8B	18.3B	38.0B	994	164	943	99.0E	164 E	505E	265B	150 B	17
18	24.7B	20.7B	18.2B	44.0B	897	165	970	94.0E	178 E	485E	255B	144 B	18
19	24.5B	20.6B	18.1B	52.0B	827	166	909	91.0E	210 E	490E	250B	140 B	19
20	24.2B	20.4B	18.0B	61.0B	763	161	796	90.0E	270 E	510E	255B	134 B	20
21	24.0B	20.3B	18.0B	70.0B	737	157	685	89.0E	340 E	570E	280B	130 B	21
22	23.9B	20.2B	18.0B	80.0B	698	151	603	87.5E	450 E	650E	315B	127 B	22
23	23.8B	20.1B	18.0B	95.0B	649	143	530	86.5E	540 E	710E	400B	120 B	23
24	23.7B	20.0B	18.1B	110 B	594	136	462	85.0E	540 E	730E	380B	116 B	24
25	23.4B	20.0B	18.2B	135 B	546	135	414	83.0E	450 E	700E	345B	111 B	25
26	23.2B	19.9B	18.3B	170 B	497	134	366	78.0E	360 E	745E	320B	108 B	26
27	23.1B	19.8B	18.5B	260 B	449	133	321	73.5E	340 E	765E	305B	104 B	27
28	23.0B	19.7B	18.8B	390 B	406	134	288	69.0E	320 E	760E	295B	102 B	28
29	23.0B		19.0B	600 B	365	140	252	65.0E	295 E	770E	280B	99.0B	29
30	22.9B		19.3B	950 B	328	136	222	60.5E	285 E	790E	270B	97.0B	30
31	22.8B		19.7B		307		201	58.0E		795E		94.0B	31
TOTAL	777.1	589.7	579.7	3 446.9	39 907	5 676	13 393.6	3 371.0	6 058.0	16 018	11 450	5 504.0	TOTAL
MEAN	25.1	21.1	18.7	115	1 290	189	432	109	202	517	382	178	MEAN
MAX	27.9	22.6	19.7	950	2 610	318	1 090	186	540	795	680	320	MAX
MIN	22.8	19.7	18.0	20.0	307	133	91.6	58.0	54.0	268	250	94.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 293
MAXIMUM DAILY, 2 610 ON MAY 6
MINIMUM DAILY, 18.0B ON MAR 20
MAXIMUM INSTANTANEOUS,
2 650 AT 03:41 EST ON MAY 7

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 00 N
LONG 82 07 00 W
DRAINAGE AREA, 22 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	67 100	JUL	1 160 000
FEB	51 000	AUG	291 000
MAR	50 100	SEP	523 000
APR	298 000	OCT	1 380 000
MAY	3 450 000	NOV	989 000
JUN	490 000	DEC	476 000

TOTAL DISCHARGE, 9 230 000 dam³

MISSISSAGI RIVER AT MISSISSAGI CHUTE - STATION NO. 02CC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	61.1	86.2	94.4	122	408	93.7	55.5	47.9	47.1	101	161	154	1
2	62.6	87.3	101	73.2	442	102	54.6	47.0	47.4	65.5	150	153	2
3	63.8	87.8	89.5	92.3	448	124	53.4	47.5	47.0	55.0	160	155	3
4	83.9	88.9	93.8	88.1	423	107	53.2	48.1	45.5	53.2	175	155	4
5	89.9	88.5	94.9	103	359	91.3	52.8	46.8	47.4	53.3	183	152	5
6	98.7	87.6	52.9	106	361	89.4	53.7	47.0	48.4	53.8	185	159	6
7	80.6	80.0	48.0	119	325	88.1	51.6	46.7	46.2	76.6	158	152	7
8	75.1	57.8	68.4	113	206	91.0	50.4	47.0	46.3	86.2	153	148	8
9	72.2	61.9	54.2	108	216	97.3	52.3	47.1	46.1	86.9	142	182	9
10	79.6	72.9	75.6	95.5	244	92.7	54.3	47.1	44.8	87.7	143	197	10
11	74.2	50.8	48.7	92.1	246	80.2	54.8	46.0	48.3	90.7	130	180	11
12	87.5	46.0	35.8	90.9	308	84.7	55.0	45.2	52.6	112	132	172	12
13	87.8	48.9	33.0	95.2	307	61.7	54.5	46.2	56.4	124	170	173	13
14	89.2	42.2	37.5	87.0	283	62.7	54.5	46.5	72.2	122	173	145	14
15	81.0	45.8	69.3	95.3	242	81.9	54.5	47.1	74.6	120	168	157	15
16	69.3	48.5	93.6	110	204	59.6	51.5	47.4	67.0	116	178	162	16
17	81.4	46.0	100	168	196	57.0	45.3	46.8	55.6	92.9	192	138	17
18	86.2	56.3	89.5	160	166	57.2	46.5	45.4	51.3	110	197	140	18
19	95.2	51.2	72.9	167	143	57.1	46.1	44.9	56.2	104	197	136	19
20	132	62.5	80.6	190	174	54.0	46.0	45.0	53.7	143	188	146	20
21	113	78.1	91.0	203	174	55.0	44.3	46.0	47.8	222	191	149	21
22	114	67.3	96.6	184	172	63.3	43.6	47.2	50.9	287	198	151	22
23	125	65.5	173	180	172	57.0	45.8	46.5	55.8	283	198	150	23
24	107	87.7	175	182	172	56.3	47.9	36.7	55.8	242	198	140	24
25	112	101	167	203	165	55.6	47.4	41.0	59.0	240	197	152	25
26	106	109	180	273	125	54.4	46.2	46.6	87.9	240	197	166	26
27	91.5	95.8	188	387	132	53.3	45.5	46.2	88.0	238	187	172	27
28	69.2	88.9	190	411	132	53.0	45.2	48.0	87.0	237	174	165	28
29	81.4		191	445	103	57.7	45.2	46.0	59.9	212	154	185	29
30	77.0		145	412	92.3	62.2	45.6	46.7	59.2	197	147	197	30
31	85.1		125		92.2		47.2	45.8		186		198	31
TOTAL	2 728.5	1 990.4	3 155.2	5 155.6	7 232.5	2 200.4	1 545.0	1 429.4	1 705.4	4 437.8	5 176	4 981	TOTAL
MEAN	88.0	71.1	102	172	233	73.3	49.8	46.1	56.8	143	173	161	MEAN
MAX	132	109	191	445	448	124	55.5	48.1	88.0	287	198	198	MAX
MIN	61.1	42.2	33.0	73.2	92.2	53.0	43.6	36.7	44.8	53.2	130	136	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 114
MAXIMUM DAILY, 448 ON MAY 3
MINIMUM DAILY, 33.0 ON MAR 13
MAXIMUM INSTANTANEOUS,
453 AT 02:58 EST ON MAY 3

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 04 N
LONG 83 01 32 W
DRAINAGE AREA, 9 300 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	236 000	JUL	133 000
FEB	172 000	AUG	126 000
MAR	273 000	SEP	147 000
APR	445 000	OCT	383 000
MAY	625 000	NOV	447 000
JUN	190 000	DEC	430 000

TOTAL DISCHARGE, 3 610 000 dam³

MISSISSAGI RIVER AT RATHER GENERATING STATION - STATION NO. 02CC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.7	69.1	54.2	48.3	286	61.2	20.5	30.3	36.7	56.6	106	80.6	1
2	41.0	61.7	49.8	40.2	253	78.4	25.6	34.6	46.7	27.3	101	77.8	2
3	39.6	67.9	84.4	35.3	252	76.4	33.4	29.9	37.0	22.7	119	90.2	3
4	69.1	58.6	76.1	23.2	242	60.0	31.1	38.4	37.9	23.5	116	95.8	4
5	73.2	70.0	31.4	70.4	218	47.0	51.5	27.9	15.8	22.3	121	81.0	5
6	60.8	62.4	37.2	38.4	187	40.7	38.3	38.8	22.4	32.5	110	54.8	6
7	45.5	42.5	32.5	57.4	111	51.9	44.8	29.5	33.0	26.4	87.6	93.6	7
8	59.5	31.8	54.6	46.9	133	68.1	6.20	27.6	27.2	37.8	86.8	98.8	8
9	65.0	61.1	45.6	30.7	76.8	49.1	36.6	30.6	46.5	50.0	82.4	113	9
10	40.2	31.7	46.6	42.9	144	55.2	35.9	34.8	50.7	40.5	88.1	100	10
11	67.6	36.0	10.8	52.9	155	45.6	28.6	32.5	39.7	36.7	80.8	134	11
12	55.5	48.9	33.8	38.3	285	48.5	42.4	34.0	24.6	60.4	90.0	79.6	12
13	72.6	20.8	14.9	37.5	197	42.9	35.7	33.7	35.5	91.1	102	78.9	13
14	66.8	22.8	31.3	44.1	155	46.0	38.2	8.40	23.6	64.1	105	105	14
15	47.2	33.5	59.0	41.0	119	21.8	44.1	21.5	34.6	51.2	107	101	15
16	65.6	27.3	48.4	38.9	122	46.9	45.0	56.8	41.5	52.7	111	83.4	16
17	57.6	56.7	43.2	74.8	72.1	27.9	3.80	33.6	13.2	43.6	113	106	17
18	83.5	28.7	56.6	74.1	101	34.9	15.5	39.4	5.50	55.2	104	71.9	18
19	61.3	29.5	72.5	51.5	95.0	27.6	16.6	36.0	15.4	64.9	99.4	96.7	19
20	82.0	48.2	69.3	82.2	146	37.4	24.6	46.8	29.8	72.2	133	92.8	20
21	77.3	49.3	63.2	71.5	89.5	38.3	28.7	0	23.9	167	118	105	21
22	111	73.5	93.9	73.5	112	31.7	53.2	30.4	23.8	201	116	80.4	22
23	104	65.8	110	75.0	81.6	56.4	8.20	37.5	29.3	145	116	77.3	23
24	63.2	78.7	156	75.4	93.3	24.1	33.2	13.8	26.3	141	125	102	24
25	76.2	57.5	142	26.1	76.0	42.0	32.1	37.3	36.4	129	128	92.6	25
26	53.4	46.5	136	125	89.1	26.1	28.2	40.7	37.4	131	129	84.3	26
27	59.0	109	141	233	95.5	24.1	25.6	25.3	31.8	149	117	97.8	27
28	52.7	76.2	137	189	75.0	18.2	19.1	51.7	41.0	159	110	94.6	28
29	59.4		121	241	34.4	44.6	21.4	32.5	43.8	146	103	131	29
30	77.1		63.3	234	51.3	36.9	56.4	32.4	40.1	119	101	128	30
31	64.7		72.1		62.0		24.1	32.6		105		118	31
TOTAL	1 971.3	1 465.7	2 183.7	2 312.5	4 169.6	1 389.9	948.70	999.30	951.10	2 523.7	3 226.1	2 945.9	TOTAL
MEAN	63.6	52.3	70.4	77.1	135	43.7	30.6	32.2	31.7	81.4	108	95.0	MEAN
MAX	111	109	156	241	285	78.4	56.4	56.8	50.7	201	133	134	MAX
MIN	39.6	20.8	10.8	23.2	34.4	18.2	3.80	0	5.50	22.3	80.8	54.8	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 68.5
MAXIMUM DAILY, 285 ON MAY 12
MINIMUM DAILY, 0 ON AUG 21

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 26 07 N
LONG 83 23 05 W
DRAINAGE AREA, 6 840 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	170 000	JUL	82 000
FEB	127 000	AUG	86 300
MAR	189 000	SEP	82 200
APR	200 000	OCT	218 000
MAY	360 000	NOV	279 000
JUN	113 000	DEC	255 000

TOTAL DISCHARGE, 2 160 000 dam³

DATA CONTRIBUTED BY - ONTARIO HYDRO

MISSISSAGI RIVER AT RED ROCK FALLS - STATION NO. 02CC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	52.2	78.7	90.6	82.7	401	77.2	47.9	40.3	40.3	83.9	134	138	1
2	49.8	78.2	83.8	51.3	442	103	48.3	40.3	40.3	48.6	131	135	2
3	58.7	78.7	78.9	75.7	442	112	48.3	40.3	40.3	43.0	148	134	3
4	86.6	78.6	80.6	74.6	401	77.2	48.0	40.3	40.3	46.1	158	134	4
5	87.0	77.8	73.6	81.9	356	76.3	48.0	40.3	40.1	42.8	182	126	5
6	68.3	77.2	26.6	95.2	357	76.9	48.0	40.3	40.3	55.3	156	132	6
7	74.8	64.0	52.4	96.9	280	77.2	44.0	40.8	40.3	62.9	138	116	7
8	66.5	44.4	58.4	86.5	187	79.2	43.5	40.3	40.3	75.9	128	132	8
9	60.1	65.8	52.8	74.6	224	83.0	48.7	40.3	45.1	75.9	123	174	9
10	65.0	53.2	60.4	74.6	237	77.2	48.0	40.3	40.0	75.9	119	173	10
11	72.4	46.2	24.2	74.9	233	68.9	48.7	40.5	47.5	75.9	104	151	11
12	77.2	37.8	28.2	74.9	338	68.6	48.7	40.5	45.3	111	127	158	12
13	77.4	44.4	27.1	77.8	280	55.5	48.7	40.5	52.1	117	154	148	13
14	78.5	27.6	35.4	67.7	274	60.2	48.2	40.4	52.0	88.7	154	131	14
15	65.4	39.9	75.3	77.2	211	61.5	48.4	40.4	66.0	109	147	140	15
16	61.5	39.2	77.2	108	185	50.1	40.1	40.6	51.4	75.9	154	146	16
17	76.6	47.4	78.4	146	179	53.9	37.7	40.7	38.6	75.9	175	119	17
18	77.2	48.2	53.4	108	140	50.6	40.3	37.1	40.1	96.8	176	120	18
19	103	38.9	68.4	158	133	48.7	40.5	38.2	51.0	93.1	188	119	19
20	95.9	68.8	67.8	176	160	49.0	40.3	40.4	40.1	142	154	128	20
21	92.3	60.9	77.2	185	155	53.1	40.3	40.5	40.1	261	186	129	21
22	110	52.4	103	152	158	48.7	39.0	40.5	47.7	272	187	135	22
23	107	65.0	156	152	158	47.8	38.5	40.3	47.7	253	186	120	23
24	77.8	77.7	143	151	158	50.6	38.5	26.6	47.8	229	188	129	24
25	107	94.6	144	174	131	46.9	38.5	40.4	60.6	226	188	129	25
26	78.5	91.1	168	296	118	47.7	38.5	40.4	75.7	225	188	138	26
27	75.1	77.2	175	385	115	47.8	35.7	42.6	76.0	237	162	150	27
28	60.4	76.6	178	400	108	47.9	38.5	40.6	63.4	239	152	142	28
29	77.7		165	423	78.2	55.4	40.3	40.6	49.1	189	123	168	29
30	69.7		91.3	393	78.1	50.6	40.3	40.6	62.5	178	137	182	30
31	78.6		116		77.2		40.3	40.6		156		192	31
TOTAL	2 388.2	1 730.5	2 710.0	4 573.5	6 794.5	1 902.7	1 342.7	1 236.5	1 462.0	4 060.6	4 647	4 368	TOTAL
MEAN	77.0	61.8	87.4	152	219	63.4	43.3	39.9	48.7	131	155	141	MEAN
MAX	110	94.6	178	423	442	112	48.7	42.6	76.0	272	188	192	MAX
MIN	49.8	27.6	24.2	51.3	77.2	46.9	35.7	26.6	38.6	42.8	104	116	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 102
MAXIMUM DAILY, 442 ON MAY 2
MINIMUM DAILY, 24.2 ON MAR 11

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 18 57 N
LONG 83 17 27 W
DRAINAGE AREA, 9 010 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	206 000	JUL	116 000
FEB	150 000	AUG	107 000
MAR	234 000	SEP	126 000
APR	395 000	OCT	351 000
MAY	587 000	NOV	402 000
JUN	164 000	DEC	377 000

TOTAL DISCHARGE, 3 220 000 dam³

DATA CONTRIBUTED BY - ONTARIO HYDRO

MISSISSAGI RIVER AT ROCKY ISLAND LAKE - STATION NO. 02CB002

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	404.840E	401.570	398.780	397.410	401.690	406.530	407.470E	407.900	407.420	407.500	408.810	408.860	1
2	404.800E	401.420	398.590	397.430	402.120	406.590	407.480E	407.890	407.340E	407.520	408.810	408.870	2
3	404.750E	401.290	398.310	397.450	402.520	406.650	407.490E	407.880	407.290E	407.560	408.800	408.870	3
4	404.700E	401.170	398.160	397.470	402.890	406.700	407.500E	407.870E	407.230E	407.590	408.790	408.880	4
5	404.650E	401.070	398.030	397.480	403.210	406.750	407.510E	407.860E	407.170E	407.610	408.780	408.890	5
6	404.690E	400.970	397.920	397.480	403.500	406.800	407.520E	407.850E	407.110E	407.660	408.760	408.910	6
7	404.550E	400.890	397.820	397.480	403.760	406.860	407.530E	407.840E	407.060	407.700	408.750	408.920	7
8	404.500E	400.820	397.730	397.480	403.990	406.890	407.540	407.830E	407.000	407.750	408.750	408.930	8
9	404.450E	400.750	397.670	397.480	404.210	406.930	407.550	407.820E	406.950	407.800	408.740	408.930	9
10	404.400E	400.690	397.610	397.480	404.420	406.970	407.550	407.810E	406.910	407.850	408.750	408.920	10
11	404.350E	400.630	397.570	397.480	404.610	407.000	407.590	407.800E	406.910	407.900	408.760	408.920	11
12	404.300	400.580	397.520	397.490	404.770	407.040	407.620	407.790E	406.920	407.950	408.800	408.910	12
13	404.200	400.540	397.520	397.510	404.920	407.070	407.630	407.780E	406.920	408.000	408.820	408.900	13
14	404.070E	400.500	397.510E	397.520	405.060	407.100	407.640	407.770E	406.930	408.050	408.850	408.900	14
15	403.940E	400.470	397.500E	397.530	405.180	407.140	407.680	407.760E	406.940	408.110	408.870	408.890	15
16	403.810E	400.410	397.490E	397.550	405.310	407.170	407.710	407.750E	406.930	408.150	408.900	408.880	16
17	403.680E	400.230	397.480E	397.600	405.420	407.190	407.740	407.740E	406.950	408.200	408.920	408.870	17
18	403.550E	400.070	397.470E	397.670	405.520	407.220	407.770	407.730E	406.980	408.240	408.950	408.860	18
19	403.420E	399.930	397.460E	397.750	405.620	407.250	407.800	407.720E	407.010	408.290	408.960	408.860	19
20	403.290E	399.800	397.450E	397.990	405.710	407.270	407.830	407.710E	407.060	408.370	408.960	408.860	20
21	403.160	399.700	397.450E	398.300	405.800	407.300	407.850	407.700E	407.100	408.450	408.960	408.840	21
22	403.020	399.610	397.440E	398.470	405.890	407.330	407.870	407.690E	407.130	408.530	408.960	408.840	22
23	402.920	399.530	397.440E	398.660	405.970	407.350	407.890	407.680E	407.160	408.620	408.950	408.830	23
24	402.800	399.460	397.430E	398.920	406.040	407.370	407.910	407.670E	407.200	408.690	408.930	408.820	24
25	402.690	399.330	397.430E	399.240	406.110	407.390	407.910	407.660	407.250	408.760	408.910	408.830	25
26	402.600	399.130	397.420E	399.610	406.170	407.410E	407.930	407.630	407.280	408.780	408.900	408.820	26
27	402.510	398.990	397.420E	400.030	406.240	407.420E	407.930	407.590	407.340	408.800	408.870	408.820	27
28	402.390	398.880	397.410E	400.430	406.300	407.430E	407.930	407.550	407.380	408.800	408.850	408.830	28
29	402.160		397.400	400.850	406.360	407.440E	407.920	407.500	407.420	408.800	408.840	408.840	29
30	401.940		397.400	401.270	406.420	407.450E	407.910	407.470	407.460	408.800	408.850	408.850	30
31	401.740		397.400		406.470		407.900	407.440		408.810		408.860	31
MEAN	403.641	400.301	397.653	398.217	404.910	407.100	407.713	407.732	407.125	408.182	408.852	408.871	MEAN
MAX	404.840	401.570	398.780	401.270	406.470	407.450	407.930	407.900	407.460	408.810	408.960	408.930	MAX
MIN	401.740	398.880	397.400	397.410	401.690	406.530	407.470	407.440	406.910	407.500	408.740	408.820	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 405.060
MAXIMUM DAILY, 408.960 ON NOV 19
MINIMUM DAILY, 397.400 ON MAR 29

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 52 00 N
LONG 83 09 19 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED SINCE 1950

DRAINAGE AREA,
2 150 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MISSISSAGI RIVER BELOW AUBREY FALLS - STATION NO. 02CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.5	76.5	59.5	10.9	3.60	27.9	8.50	35.5	29.9	48.4	64.3	36.6	1
2	34.4	64.1	92.3	5.40	11.1	43.6	9.30	17.4	61.7	11.2	74.5	43.5	2
3	23.0	66.6	79.8	13.8	2.10	25.9	11.8	24.0	77.5	8.30	55.8	43.6	3
4	72.7	47.2	53.4	16.7	38.6	21.7	16.7	27.8	23.6	7.10	70.2	53.0	4
5	102	30.3	0	41.6	66.3	29.8	52.0	15.2	11.3	14.9	92.9	16.4	5
6	7.10	33.0	33.7	6.60	23.1	15.9	26.5	27.1	2.80	11.5	32.5	51.0	6
7	32.6	33.1	22.8	16.9	0	35.3	14.5	18.4	23.2	2.50	52.1	42.9	7
8	44.3	39.4	21.9	16.4	3.50	22.1	10.7	18.2	18.0	6.90	56.6	50.8	8
9	17.5	27.2	20.7	20.1	0	30.2	21.0	17.9	32.8	4.50	57.0	50.6	9
10	33.3	21.7	17.9	7.80	64.1	12.1	31.0	20.1	53.4	3.90	34.1	46.1	10
11	49.7	32.8	7.70	12.2	61.2	24.2	15.8	20.2	13.2	2.50	46.3	52.5	11
12	43.9	16.7	21.6	25.3	48.5	23.0	26.8	18.9	4.70	38.1	53.4	43.9	12
13	63.0	23.7	15.2	25.6	56.9	17.8	13.6	20.6	22.4	21.5	39.4	55.2	13
14	59.0	27.6	24.9	11.5	79.8	21.6	32.1	14.7	31.7	7.80	48.8	54.7	14
15	56.4	0	28.4	19.3	36.6	9.00	35.4	20.2	2.80	22.7	51.6	60.1	15
16	73.4	11.1	38.1	13.4	5.90	10.7	23.0	31.7	3.80	18.7	53.1	56.3	16
17	44.9	51.1	43.3	35.5	31.5	9.90	3.70	15.5	14.6	23.5	42.7	45.1	17
18	92.1	28.0	39.3	16.4	50.1	17.3	15.0	27.7	2.80	14.5	46.8	54.6	18
19	54.5	48.3	44.2	0.500	46.2	15.9	14.1	24.7	2.80	27.4	60.6	48.9	19
20	54.9	43.3	45.0	19.1	30.2	11.5	18.4	40.7	4.30	47.0	67.6	52.3	20
21	77.6	41.0	38.9	1.00	54.0	18.6	11.1	3.20	7.50	27.1	53.1	54.1	21
22	119	54.8	55.9	12.0	40.2	29.6	33.9	3.20	16.4	26.5	72.1	50.7	22
23	64.9	42.0	54.8	5.50	8.30	14.3	3.70	25.1	5.80	28.7	62.2	43.3	23
24	10.9	89.6	24.3	21.3	31.7	16.6	7.00	25.8	18.2	42.8	75.7	64.6	24
25	42.1	74.3	13.7	12.8	43.9	16.9	12.7	34.9	12.5	66.7	52.2	51.0	25
26	40.8	70.1	32.5	42.8	53.4	3.30	11.0	38.9	12.7	84.8	76.3	38.6	26
27	52.3	44.6	10.2	23.9	14.6	11.4	15.1	27.1	25.6	100	50.1	46.2	27
28	29.6	48.1	17.2	42.2	31.5	18.7	28.0	31.9	19.0	50.8	45.3	56.2	28
29	74.9		13.1	37.5	13.4	3.30	13.8	31.2	10.6	77.5	87.0	59.6	29
30	74.8		10.3	0	14.7	17.4	29.4	27.7	13.5	59.4	55.4	56.7	30
31	69.1		21.6		27.4		6.90	24.1		50.8		53.5	31
TOTAL	1 643.20	1 186.2	1 002.20	534.000	990.40	575.50	572.50	729.60	579.10	950.00	1 729.7	1 532.6	TOTAL
MEAN	53.0	42.4	32.3	17.8	31.9	19.2	18.5	23.5	19.3	30.6	57.7	49.4	MEAN
MAX	119	89.6	92.3	42.8	79.8	43.6	52.0	40.7	77.5	100	92.9	64.6	MAX
MIN	7.10	0	0	0	0	3.30	3.70	3.20	2.80	2.50	32.5	16.4	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.9
MAXIMUM DAILY, 119 ON JAN 22
MINIMUM DAILY, 0 ON FEB 15

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 54 42 N
LONG 83 12 38 W
DRAINAGE AREA, 4 040 km²

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	142 000	JUL	49 500
FEB	102 000	AUG	63 000
MAR	86 600	SEP	50 000
APR	46 100	OCT	82 100
MAY	85 600	NOV	149 000
JUN	49 700	DEC	132 000

TOTAL DISCHARGE, 1 040 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

MISSISSAGUA RIVER BELOW MISSISSAGUA LAKE - STATION NO. 02HN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.40	2.72	2.01	3.91	11.1	1.50	3.72	1.83	1.33	6.50	3.25	8.24	1
2	3.33	2.69	2.00	2.82	11.0	1.46	3.53	1.82	1.38	6.32	3.39	8.52	2
3	3.30	2.69	1.97	0.814	10.6	1.48	3.42	1.75	3.50	6.13	3.82	9.49	3
4	3.38	2.74	1.97	0.862	10.1	1.45	3.29	1.73	6.61	5.94	4.21	9.89	4
5	3.38	2.72	2.06	0.896	9.65	1.51	3.14	2.45	6.26	5.78	4.41	10.2	5
6	3.36	2.71	2.02	0.922	9.08	1.61	3.00	3.03	6.16	5.56	4.48	10.7	6
7	3.32	2.66	2.03	0.992	8.55	1.62	1.85	2.89	5.85	5.48	4.64	11.0	7
8	3.29	2.63	2.00	1.11	8.39	1.61	0.847	2.79	5.38	5.37	4.79	11.2	8
9	3.26	2.61	1.99	1.28	8.10	2.95	0.777	2.66	5.07	5.30	4.94	11.4	9
10	3.24	2.57	1.98	1.45	6.31	4.52	0.898	2.53	4.97	5.11	5.06	11.5	10
11	3.22	2.53	2.02	1.69	4.71	4.49	1.04	3.92	4.82	4.98	5.17	11.4	11
12	3.16	2.51	2.04	1.94	4.33	4.35	1.02	5.99	4.73	4.88	5.41	11.3	12
13	3.14	2.47	2.17	2.34	3.72	4.22	1.01	6.54	4.65	4.79	5.63	11.1	13
14	3.11	2.43	2.21	2.93	3.66	4.11	0.994	6.20	4.63	4.73	5.75	10.9	14
15	3.06	2.38	2.23	3.52	4.00	4.25	0.972	5.80	4.63	4.70	5.86	10.7	15
16	3.03	2.34	2.32	4.30	2.98	4.42	2.29	5.52	4.83	4.63	6.01	11.0	16
17	3.01	2.30	2.44	5.62	1.12	4.33	4.41	5.28	4.23	4.52	6.05	10.9	17
18	2.94	2.25	2.46	7.04	0.995	4.24	4.52	6.18	4.29	4.42	6.09	10.7	18
19	2.89	2.25	2.53	8.35	1.00	4.38	4.53	7.20	4.14	4.32	6.08	10.5	19
20	2.89	2.26	2.58	9.83	1.04	4.42	4.41	7.19	4.00	4.28	6.11	10.4	20
21	2.88	2.30	2.71	11.1	1.05	4.52	4.24	6.88	3.91	4.22	6.49	10.3	21
22	2.81	2.25	2.80	12.0	1.09	4.57	4.10	6.52	3.79	4.15	6.73	10.1	22
23	2.88	2.21	2.86	12.8	1.19	4.60	3.56	6.41	3.72	4.04	6.89	9.91	23
24	2.82	2.18	2.92	13.7	1.31	4.66	2.31	6.09	3.63	3.97	7.27	9.91	24
25	2.75	2.12	3.04	14.6	1.34	4.35	2.15	6.20	3.63	3.88	7.40	10.1	25
26	2.73	2.08	3.23	15.1	1.35	4.29	2.10	4.03	3.52	3.79	7.55	10.7	26
27	2.69	2.06	3.34	15.6	1.35	4.14	2.03	1.52	3.55	3.71	7.60	10.7	27
28	2.64	2.04	3.32	16.0	1.50	4.02	2.06	1.46	3.49	3.61	7.65	11.2	28
29	2.60		3.36	14.4	1.53	3.97	2.00	1.42	3.38	3.42	7.89	11.5	29
30	2.60		3.43	11.4	1.54	3.88	1.93	1.38	4.81	3.32	8.11	11.7	30
31	2.63		3.62		1.58		1.89	1.36		3.26		11.7	31
TOTAL	93.74	67.70	77.66	199.316	135.265	105.72	78.038	126.57	128.49	145.11	174.73	328.86	TOTAL
MEAN	3.02	2.42	2.51	6.64	4.36	3.52	2.52	4.08	4.28	4.68	5.82	10.6	MEAN
MAX	3.40	2.74	3.62	16.0	11.1	4.60	4.53	7.20	6.61	6.50	8.11	11.7	MAX
MIN	2.60	2.04	1.97	0.814	0.995	1.45	0.777	1.36	1.33	3.26	3.25	8.24	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.55
MAXIMUM DAILY, 16.0 ON APR 28
MINIMUM DAILY, 0.777 ON JUL 9
MAXIMUM INSTANTANEOUS,
16.0 AT 10:30 EST ON APR 28

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 40 30 N
LONG 78 20 45 W
DRAINAGE AREA, 326 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 100	JUL	6 740
FEB	5 850	AUG	10 900
MAR	6 710	SEP	11 100
APR	17 200	OCT	12 500
MAY	11 700	NOV	15 100
JUN	9 130	DEC	28 400

TOTAL DISCHARGE, 143 000 dam³

MISSISSIPPI RIVER AT APPLETON - STATION NO. 02KF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.7	27.8B	19.6B	60.5	120	35.0	20.3	9.73	9.41	12.0	11.3	32.7	1
2	30.3B	27.6B	19.5B	64.4	113	35.8	20.3	8.58	10.3	11.5	11.8	33.4	2
3	30.1B	27.4B	19.4B	70.9	104	35.6	17.7	8.66	11.9	12.8	13.2	38.2	3
4	31.0B	27.0B	19.2B	77.3	95.4	36.4	16.5	8.57	9.95	11.8	15.9	40.1	4
5	32.8B	26.8B	19.1B	81.0B	88.9	35.4	15.9	8.30	10.4	12.2	20.2	40.2	5
6	33.1B	26.6B	19.0B	83.4	84.7	35.1	15.0	8.68	9.81	12.2	22.8	45.5	6
7	32.5	26.3B	18.8B	83.8B	80.7	35.7	14.2	9.30	9.69	11.1	21.9	46.4	7
8	32.6B	26.0B	18.7B	84.0B	77.1	34.9	12.7	8.98	10.4	11.4	22.4	45.1	8
9	32.4B	25.7B	18.5B	84.6	75.4	33.8	11.4	9.52	11.1	10.7	21.3	42.9	9
10	32.0B	25.0B	18.4B	84.2	68.3	33.4	10.1	9.07	10.6	10.1	22.5	47.0B	10
11	31.9B	24.8B	18.3B	83.6	61.3	30.7	11.2	8.19	10.2	10.5	24.7	45.7B	11
12	31.7B	24.6B	22.4B	83.1	61.5	28.6	12.6	7.43	10.2	10.8	27.1	42.7B	12
13	31.2B	24.3B	24.7B	84.3	60.8	28.1	9.85	7.65	10.2	10.7	24.9	40.2B	13
14	31.0B	24.0B	23.5B	84.9	58.6	26.6	9.92	7.95	10.4	11.0	23.2	37.7	14
15	30.9B	23.7B	22.5B	85.9	56.3	25.5	10.0	8.03	9.38	11.2	23.0	37.2	15
16	30.6B	23.4B	22.0B	87.5	54.0	25.9	9.85	8.54	10.4	10.3	24.3	40.4	16
17	30.4B	23.1B	22.7B	91.9	50.6	25.1	10.1	7.56	9.89	10.1	22.7	43.6B	17
18	30.2B	22.8B	23.4	98.4	40.2	24.1	10.8	7.60	10.9	11.0	21.5	44.5	18
19	30.0B	22.4B	24.0	102	30.8	23.4	10.6	8.80	10.7	11.2	21.1	44.1	19
20	29.9B	22.0B	24.5	110	29.9	24.2	9.37	7.54	10.5	12.2	20.9	44.3	20
21	29.8B	21.6B	25.8	129	27.9	24.7	9.35	6.50	10.9	12.8	22.1	44.5	21
22	29.6B	21.2B	27.2	133	26.9	25.5	9.19	7.56	10.4	9.61	20.5	43.9	22
23	29.4B	20.9B	33.0	142	26.1	24.7	8.11	8.53	10.2	10.1	20.7	43.1	23
24	29.2B	20.7B	36.8	147	25.8	25.3	8.71	7.84	10.8	10.4	22.6	44.4	24
25	29.0B	20.4B	36.4	152	25.6	26.2	9.39	8.72	10.6	10.9	25.9	46.3	25
26	28.8B	20.1B	37.1	151	25.5	24.6	7.87	10.9	10.5	10.6	25.5	53.8	26
27	28.6B	20.0B	36.6B	147	25.3	25.0	7.70	11.3	10.6	11.0	28.4	54.1	27
28	28.4B	19.8B	36.4B	143	25.4	24.6	8.10	10.2	10.6	11.4	25.6	58.2	28
29	28.2B		36.2	136	26.1	23.1	8.25	10.1	10.9	11.6	27.1	64.8	29
30	28.1B		36.1	128	27.6	21.7	8.87	10.4	11.5	12.0	29.6	68.1	30
31	27.9B		43.6		32.0		9.10	9.64		11.8		69.5	31
TOTAL	943.3	666.0	803.4	3 093.7	1 705.7	858.7	353.03	270.37	313.33	347.01	660.7	1 422.6	TOTAL
MEAN	30.4	23.8	25.9	103	55.0	28.6	11.4	8.72	10.4	11.2	22.0	45.9	MEAN
MAX	33.1	27.8	43.6	152	120	36.4	20.3	11.3	11.9	12.8	29.6	69.5	MAX
MIN	27.9	19.8	18.3	60.5	25.3	21.7	7.70	6.50	9.38	9.61	11.3	32.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.3
MAXIMUM DAILY, 152 ON APR 25
MINIMUM DAILY, 6.50 ON AUG 21
MAXIMUM INSTANTANEOUS,
154 AT 17:51 EST ON APR 25

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 10 36 N
LONG 76 07 27 W
DRAINAGE AREA, 2 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	81 500	JUL	30 500
FEB	57 500	AUG	23 400
MAR	69 400	SEP	27 100
APR	267 000	OCT	30 000
MAY	147 000	NOV	57 100
JUN	74 200	DEC	123 000

TOTAL DISCHARGE, 988 000 dam³

MOIRA RIVER NEAR DELORO - STATION NO. 02HL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.00 B	0.770B	0.860B	8.00B	8.73	3.26	0.615	0.074	0.093	0.208	0.484	8.59	1
2	2.05 B	0.810B	0.840B	11.0 B	7.81	3.12	0.510	0.077	0.074	0.157	0.671	8.87	2
3	2.15 B	0.840B	0.830B	13.5 B	6.80	2.69	0.447	0.088	0.073	0.136	1.53	11.6	3
4	2.25 B	0.850B	0.830B	17.0 B	6.14	2.32	0.377	0.100	0.066	0.142	3.04	13.7	4
5	2.35 B	0.840B	0.840B	16.0 B	5.36	2.08	0.326	0.109	0.064	0.131	5.01	14.6	5
6	2.10 B	0.830B	0.850B	15.0 B	4.43	2.20	0.291	0.133	0.063	0.118	5.08	14.9	6
7	1.90 B	0.820B	0.860B	14.5 B	3.93	2.37	0.273	0.180	0.064	0.116	4.90	14.7	7
8	1.75 B	0.800B	0.860B	14.0 B	4.00	2.11	0.248	0.216	0.063	0.130	4.78	13.9	8
9	1.60 B	0.790B	0.850B	13.7 B	5.11	1.97	0.218	0.250	0.061	0.194	4.13	12.5	9
10	1.50 B	0.770B	0.840B	13.5 B	4.89	1.64	0.187	0.253	0.077	0.299	3.48	9.64B	10
11	1.40 B	0.760B	0.848B	13.4 B	4.25	1.34	0.218	0.251	0.109	0.293	3.19	8.60B	11
12	1.30 B	0.740B	1.10 B	13.3 B	3.64	1.07	0.186	0.245	0.137	0.575	3.46	7.98B	12
13	1.22 B	0.720B	2.00 B	16.2	3.36	1.02	0.179	0.243	0.136	0.444	4.51	7.31B	13
14	1.16 B	0.710B	3.20 B	18.4	3.02	1.01	0.169	0.249	0.074	0.304	4.60	6.62B	14
15	1.10 B	0.780B	3.50 B	20.8	2.70	0.984	0.166	0.235	0.123	0.291	4.41	6.02	15
16	1.05 B	0.800B	3.40 B	23.4	2.43	1.45	0.147	0.143	0.081	0.268	3.97	7.99	16
17	1.00 B	0.780B	3.30 B	27.1	2.19	1.75	0.139	0.034	0.083	0.298	3.67	11.0	17
18	0.950B	0.771B	3.20 B	31.6	1.99	1.72	0.158	0.033	0.117	0.342	3.48	12.2	18
19	0.900B	0.760B	3.15 B	33.5	1.73	1.60	0.191	0.034	0.120	0.424	3.21	10.7	19
20	0.860B	0.750B	3.10 B	32.8	1.66	1.61	0.171	0.041	0.104	0.467	3.04	8.00	20
21	0.820B	0.800B	3.10 B	33.7	1.67	1.71	0.150	0.037	0.098	0.563	3.59	6.51	21
22	0.780B	0.870B	3.25 B	32.1	1.56	1.88	0.135	0.035	0.093	0.580	5.31	6.01B	22
23	0.780B	0.910B	3.40 B	28.9	1.36	1.97	0.117	0.043	0.099	0.554	5.82	5.68	23
24	0.790B	0.926B	3.70 B	25.0	1.96	1.87	0.102	0.051	0.108	0.545	7.62	5.68	24
25	0.800B	0.920B	4.10 B	21.4	3.17	1.61	0.092	0.072	0.115	0.489	8.29	8.58	25
26	0.780B	0.900B	4.20 B	18.8	3.24	1.42	0.085	0.078	0.167	0.453	8.41	14.1	26
27	0.764B	0.890B	4.10 B	16.5	2.93	1.21	0.074	0.176	0.207	0.491	7.75	14.7	27
28	0.750B	0.880B	4.00 B	14.4	3.09	0.967	0.077	0.173	0.261	0.487	6.53	15.2	28
29	0.730B		3.90 B	12.2	4.25	0.878	0.071	0.243	0.335	0.456	7.03	15.9	29
30	0.720B		4.10 B	10.2	4.04	0.736	0.075	0.210	0.278	0.439	8.04	13.7 B	30
31	0.740B		5.50 B		3.61		0.078	0.100		0.466		12.3 B	31
TOTAL	39.044	22.781	78.608	579.90	115.05	51.565	6.252	4.206	3.543	10.860	138.995	327.78	TOTAL
MEAN	1.26	0.814	2.54	19.3	3.71	1.72	0.202	0.136	0.118	0.350	4.63	10.6	MEAN
MAX	2.35	0.920	5.50	33.7	8.73	3.26	0.615	0.253	0.335	0.580	8.41	15.9	MAX
MIN	0.720	0.710	0.830	8.00	1.36	0.736	0.071	0.033	0.061	0.116	0.484	5.68	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.78
MAXIMUM DAILY, 33.7 ON APR 21
MINIMUM DAILY, 0.033 ON AUG 18
MAXIMUM INSTANTANEOUS,
34.0 AT 09:58 EST ON APR 21

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 30 00 N
LONG 77 37 03 W
DRAINAGE AREA, 308 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 370	JUL	540
FEB	1 970	AUG	363
MAR	6 790	SEP	306
APR	50 100	OCT	938
MAY	9 940	NOV	12 000
JUN	4 460	DEC	28 300

TOTAL DISCHARGE, 119 000 dam³

MOIRA RIVER NEAR FOXBORO - STATION NO. 02HL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.5	13.4	11.6	116	96.5	38.7	14.0	4.27	3.72	4.78	4.49	48.6	1
2	22.6	13.5	11.3	124	85.9	36.1	12.8	4.42	3.82	5.15	5.16	51.0	2
3	21.9	14.0	11.1	144	76.7	33.0	11.7	4.33	3.82	5.14	5.91	54.3	3
4	32.2	14.4	10.9	172	68.2	29.6	10.7	4.09	3.65	5.07	11.0	60.7	4
5	28.7	14.4	10.9	175	60.3	26.9	9.73	3.88	3.50	5.02	12.0	70.9	5
6	28.0	14.7	11.0	174	54.2	28.4	8.93	3.79	3.47	4.82	16.8	80.5	6
7	27.0B	15.0	11.1	166	49.2	28.0	8.22	3.63	3.43	5.02	20.6	86.6	7
8	26.1B	15.1	11.2	153	47.1	26.1	7.63	3.63	3.21	5.82	22.1	88.4	8
9	25.3B	15.2	11.0	139	48.7	23.8	7.03	3.64	3.08	5.69	22.3	86.1	9
10	24.4B	15.2	10.9	128	48.5	21.6	6.43	3.64	2.96	5.54	21.2	80.1	10
11	23.5B	15.2	11.0	122	47.0	20.2	5.00	3.51	2.99	5.54	19.9	75.3	11
12	22.6B	15.0	12.0	119	44.6	18.5	3.09	3.36	2.99	5.60	21.1	69.0	12
13	21.7	14.9	27.2	118	42.2	17.0	2.47	3.32	2.96	4.27	22.2	60.2	13
14	21.4	14.8	23.5	122	39.1	16.3	2.56	3.26	2.95	2.42	23.5	55.4	14
15	20.3	14.5	23.5	126	35.9	15.4	3.45	3.21	5.60	5.20	25.2	52.3	15
16	19.7	14.5	26.0	132	33.0	15.7	4.15	3.09	6.89	7.36	26.3	55.3	16
17	18.7	14.5	31.7	139	30.4	15.3	4.33	3.04	6.36	7.20	26.5	57.4	17
18	18.1	14.3	35.5	149	27.8	15.2	4.80	2.98	5.81	6.82	26.4	61.9	18
19	16.5	14.1	40.5	159	26.2	15.3	5.49	2.79	5.34	6.30	25.7	60.4	19
20	15.7	13.9	44.8	166	25.2	15.4	5.68	3.02	4.81	5.92	25.0	58.9	20
21	15.0	13.9	45.1	177	23.5	17.0	5.32	3.14	4.41	4.43	25.4	56.3	21
22	14.4	13.8	46.9	190	21.8	17.9	4.97	2.94	3.93	3.95	27.3	53.0	22
23	13.9	13.4	49.7	197	20.8	18.9	4.63	3.03	4.10	5.83	29.2	50.4	23
24	13.7	13.1	53.3	196	20.7	20.9	4.20	3.16	4.23	5.78	34.1	49.4	24
25	14.1	12.9	58.2	185	21.9	21.3	3.91	4.13	4.37	5.44	37.0	54.8	25
26	13.9	12.4	66.8	171	23.1	21.2	3.86	4.82	4.38	5.22	41.6	67.2	26
27	13.8	12.2	68.7	154	23.1	19.8	3.84	4.73	4.41	4.98	44.3	82.4	27
28	13.8	11.9	67.6	137	26.5	18.1	4.06	4.70	4.41	4.89	44.3	95.5	28
29	13.7		68.7	122	29.8	16.6	4.27	4.63	4.32	4.66	44.6	104	29
30	13.5		70.0	109	31.0	15.3	4.26	4.37	4.41	4.49	46.4	107	30
31	13.5		81.7		38.4		4.21	3.96		4.46		103	31
TOTAL	612.2	394.2	1 063.4	4 481	1 267.3	643.5	185.72	114.51	124.33	162.81	757.56	2 136.3	TOTAL
MEAN	19.7	14.1	34.3	149	40.9	21.5	5.99	3.69	4.14	5.25	25.3	68.9	MEAN
MAX	32.2	15.2	81.7	197	96.5	38.7	14.0	4.82	6.89	7.36	46.4	107	MAX
MIN	13.5	11.9	10.9	109	20.7	15.2	2.47	2.79	2.95	2.42	4.49	48.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.7
MAXIMUM DAILY, 197 ON APR 23
MINIMUM DAILY, 2.42 ON OCT 14
MAXIMUM INSTANTANEOUS,
199 AT 21:45 EST ON APR 23

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 14 N
LONG 77 25 10 W
DRAINAGE AREA, 2 620 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52 900	JUL	16 000
FEB	34 100	AUG	9 890
MAR	91 900	SEP	10 700
APR	387 000	OCT	14 100
MAY	109 000	NOV	65 500
JUN	55 600	DEC	185 000

TOTAL DISCHARGE, 1 030 000 dam³

MOJIKIT LAKE RESERVOIR AT MOJIKIT LAKE - STATION NO. 04GB003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	324.110	324.070	324.060	324.200	324.290	324.910	325.140	324.890	324.730	324.730	324.870E	324.960	1
2	324.100	324.070	324.060	324.200	324.300	324.940	325.130	324.880	324.730	324.720	324.870E	324.960	2
3	324.100	324.070	324.060	324.210	324.310	324.950	325.130	324.870	324.740	324.740	324.880E	324.970	3
4	324.100	324.060	324.060	324.210	324.330	324.960	325.110	324.870	324.730	324.730	324.880E	324.980	4
5	324.100	324.060	324.060	324.190	324.350	324.970	325.100	324.860	324.730	324.740	324.890E	324.980	5
6	324.100	324.060	324.070	324.190	324.370	324.990	325.100	324.850	324.720	324.730	324.890E	324.980	6
7	324.100	324.060	324.060	324.180	324.390	325.020	325.110	324.850	324.710	324.730	324.900E	324.970	7
8	324.100	324.060	324.060	324.180	324.400	325.040	325.100	324.850	324.710	324.750	324.900E	324.960	8
9	324.100	324.060	324.070	324.180	324.420	325.050	325.090	324.860	324.710	324.750	324.900E	324.960	9
10	324.100	324.060	324.070	324.180	324.430	325.090	325.080	324.860	324.710	324.750	324.900	324.960	10
11	324.090	324.050	324.070	324.180	324.450	325.110	325.080	324.850	324.700	324.760	324.900	324.950	11
12	324.090	324.050	324.070	324.190	324.470	325.120	325.070	324.840	324.710	324.770	324.920	324.940	12
13	324.090	324.050	324.080	324.200	324.480	325.130	325.060	324.820	324.740	324.780	324.850	324.940	13
14	324.090	324.050	324.090	324.200	324.500	325.140	325.050	324.820	324.740	324.790	324.890	324.940	14
15	324.090	324.050	324.090	324.200	324.520	325.150	325.040	324.810	324.740	324.800	324.900	324.940	15
16	324.100	324.050	324.090	324.210	324.540	325.140	325.030	324.810	324.740	324.800	324.900	324.930	16
17	324.090	324.050	324.100	324.210	324.560	325.150	325.020	324.800	324.730	324.800	324.900	324.930	17
18	324.090	324.050	324.110	324.210	324.590	325.150	325.020	324.800	324.730	324.790	324.910	324.930	18
19	324.090	324.050	324.110	324.210	324.620	325.150	325.010	324.800	324.730	324.790	324.920	324.930	19
20	324.090	324.050	324.120	324.210	324.650	325.160	324.990	324.790	324.730	324.800	324.940	324.930	20
21	324.080	324.050	324.120	324.210	324.670	325.170	324.990	324.780	324.730	324.800	324.960	324.930E	21
22	324.080	324.050	324.130	324.210	324.700	325.170	324.980	324.780	324.730	324.810E	324.960	324.920E	22
23	324.090	324.050	324.140	324.210	324.720	325.160	324.970	324.770	324.720	324.820E	324.960	324.920E	23
24	324.090	324.050	324.160	324.210	324.740	325.170	324.960	324.770	324.720	324.820E	324.960	324.920E	24
25	324.080	324.050	324.170	324.220	324.760	325.170	324.960	324.770	324.720	324.830E	324.960	324.910E	25
26	324.080	324.050	324.180	324.230	324.780	325.150	324.950	324.770	324.710	324.840E	324.960	324.910E	26
27	324.080	324.050	324.180	324.240	324.800	325.150	324.940	324.770	324.710	324.840E	324.950	324.900E	27
28	324.080	324.050	324.180	324.250	324.820	325.150	324.930	324.760	324.710	324.850E	324.950	324.890E	28
29	324.080		324.190	324.260	324.840	325.150	324.910	324.740	324.710	324.850E	324.950	324.880E	29
30	324.070		324.190	324.280	324.860	325.150	324.900	324.740	324.730	324.860E	324.950	324.870E	30
31	324.070		324.200		324.880		324.890	324.730		324.860E		324.870E	31
MEAN	324.090	324.055	324.110	324.209	324.566	325.097	325.027	324.812	324.723	324.788	324.916	324.934	MEAN
MAX	324.110	324.070	324.200	324.280	324.880	325.170	325.140	324.890	324.740	324.860	324.960	324.980	MAX
MIN	324.070	324.050	324.060	324.180	324.290	324.910	324.890	324.730	324.700	324.720	324.850	324.870	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 324.614
MAXIMUM DAILY, 325.170 ON JUN 21
MINIMUM DAILY, 324.050 ON FEB 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 15 N
LONG 88 12 30 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MONTREAL RIVER AT LOWER NOTCH GENERATING STATION - STATION NO. 02JD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	55.9	90.5	68.4	31.5	122	72.9	31.2	1.50	30.2	38.3	89.3	83.6	1
2	59.8	56.6	59.6	27.8	177	62.7	43.8	0	28.0	51.7	73.3	80.9	2
3	52.4	75.4	64.1	34.5	216	58.5	46.8	13.5	27.7	18.5	78.7	86.7	3
4	77.5	88.7	95.9	28.8	213	59.3	32.0	21.8	13.2	42.1	72.9	96.0	4
5	144	68.5	56.9	87.7	243	49.4	34.8	0	0	30.1	117	75.5	5
6	34.7	78.4	62.2	28.5	260	55.3	53.7	16.3	0	37.2	32.8	99.4	6
7	63.4	37.2	47.6	38.9	239	71.0	33.7	18.8	19.7	29.7	52.0	110	7
8	86.0	42.0	66.9	38.0	217	57.0	6.80	3.10	18.0	52.2	67.8	92.2	8
9	70.7	73.6	68.3	34.5	180	49.1	1.80	14.7	36.5	56.5	61.2	93.4	9
10	45.8	63.4	94.4	17.5	196	46.9	10.5	5.00	58.7	41.5	72.7	80.2	10
11	107	69.2	45.6	35.0	238	54.6	6.40	16.8	41.3	30.5	69.1	87.4	11
12	72.3	61.6	57.1	30.6	199	35.0	26.4	18.1	1.70	36.4	74.1	71.1	12
13	60.5	44.1	25.8	31.4	198	23.0	13.9	3.80	43.0	53.6	77.1	84.6	13
14	59.1	55.1	46.5	50.2	124	54.2	11.7	2.00	45.8	56.0	73.6	85.8	14
15	53.7	60.9	67.8	20.3	36.6	22.8	42.2	1.20	1.20	65.5	59.3	91.0	15
16	58.8	53.7	52.8	10 1	84.9	37.9	25.2	42.4	19.0	61.5	73.7	82.9	16
17	48.2	114	28.7	49.4	114	31.0	7.40	2.40	17.7	66.8	73.9	97.7	17
18	79.2	56.3	41.9	33.8	125	63.2	8.60	23.4	0	55.0	76.7	56.4	18
19	56.2	59.3	31.5	65.9	154	6.30	32.1	0	10.0	73.5	68.5	85.1	19
20	47.4	59.9	33.6	60.5	134	21.3	25.6	61.7	33.0	86.7	72.2	75.0	20
21	71.2	67.4	33.8	48.8	96.9	27.4	21.7	0	52.4	106	55.3	89.4	21
22	75.8	97.3	35.5	41.1	105	57.1	55.8	0	56.4	117	89.4	81.4	22
23	38.2	98.2	38.4	63.6	93.5	56.5	2.70	22.1	23.1	101	83.8	77.4	23
24	21.6	78.0	41.9	100	99.9	39.7	9.90	10.1	55.8	83.7	88.0	91.6	24
25	67.8	66.0	47.4	65.1	66.6	48.1	12.5	7.00	45.7	93.7	75.0	96.9	25
26	89.0	49.6	75.8	102	84.6	21.8	23.0	16.1	43.1	73.4	80.7	96.4	26
27	82.9	70.6	35.9	236	104	26.9	24.0	9.90	65.3	97.9	98.6	85.4	27
28	61.7	93.0	50.1	311	74.9	34.6	28.0	9.80	57.3	86.3	81.8	99.1	28
29	76.8		61.2	151	56.2	42.1	29.6	0	34.4	104	92.7	101	29
30	72.0		44.2	63.8	24.1	46.9	113	10.4	52.3	84.7	95.4	96.1	30
31	64.0		56.0		67.5		0	6.20		61.0		92.9	31
TOTAL	2 052.7	1 928.5	1 635.8	1 937.3	4 343.7	1 332.50	814.80	358.10	930.50	1 992.0	2 276.6	2 722.5	TOTAL
MEAN	66.2	68.9	52.8	64.6	140	44.4	26.3	11.6	31.0	64.3	75.9	87.8	MEAN
MAX	144	114	95.9	311	260	72.9	113	61.7	65.3	117	117	110	MAX
MIN	21.6	37.2	25.8	10.1	24.1	6.30	0	0	0	18.5	32.8	56.4	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 61.2
MAXIMUM DAILY, 311 ON APR 28
MINIMUM DAILY, 0 ON JUL 31

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 08 15 N
LONG 79 27 15 W
DRAINAGE AREA, 6 600 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	177 000	JUL	70 400
FEB	167 000	AUG	30 900
MAR	141 000	SEP	80 400
APR	167 000	OCT	172 000
MAY	375 000	NOV	197 000
JUN	115 000	DEC	235 000

TOTAL DISCHARGE, 1 930 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MONTREAL RIVER AT MOUNTAIN CHUTES - STATION NO. 02JD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.1	21.2	17.3	11.8	177	67.3	31.0	11.2	10.4	27.8	54.7	39.9	1
2	25.4	20.7	17.5	11.5	191	66.0	30.1	10.3	10.8	26.2	53.3	39.4	2
3	25.0	20.0	17.6	11.7	204	63.1	26.9	9.73	11.9	26.4	51.8	39.3	3
4	26.0	19.2	17.5	12.3	216	58.4	24.5	9.68	11.9	25.6	46.9	39.7	4
5	26.0	18.8	17.5	12.1	215	50.8	22.8	9.44	12.2	25.2	44.3	39.5	5
6	25.5	18.7	17.5	12.6	207	45.7	21.7	9.19	12.2	24.8	44.5	41.2	6
7	25.4	18.6	17.6	13.0	195	42.3	21.7	9.06	11.9	23.3	43.5	41.8	7
8	25.2	18.4	17.4	12.3	180	40.9	20.3	8.92	11.3	23.7	42.9	40.8	8
9	25.0	18.3	17.5	12.5	180	39.3	19.1	9.85	11.2	24.5	40.9	40.8	9
10	24.9	18.1	18.2	12.6	184	38.1	16.1	11.2	11.1	25.6	38.4	40.8	10
11	24.8	17.9	18.9	12.9	175	36.8	14.4	11.0	10.5	27.1	38.0	40.2	11
12	24.8	18.0	18.9	13.1	155	33.7	14.7	10.3	10.4	28.1	39.3	39.5	12
13	24.8	17.9	18.0	14.3	124	31.2	14.5	10.2	10.2	30.4	41.2	38.9	13
14	24.8	17.9	18.0	14.9	116	30.0	15.7	10.1	12.6	35.1	41.5	39.3	14
15	24.5	17.9	17.5	15.6	114	30.0	17.2	9.56	12.9	39.6	42.4	39.2	15
16	24.6	17.8	17.4	17.2	113	33.0	18.2	9.50	15.1	42.2	42.6	39.1	16
17	24.4	17.8	17.1	21.3	110	34.0	19.1	8.78	16.6	40.2	43.1	38.3	17
18	24.4	17.3	16.8	28.7	107	34.6	20.4	7.97	19.8	41.1	43.9	38.0	18
19	24.6	16.9	16.7	36.3	102	33.4	22.9	6.27	21.0	43.2	44.1	38.1	19
20	25.7	16.8	16.4	41.7	91.9	32.5	23.4	5.00	23.0	45.4	43.9	38.1	20
21	26.3	16.9	16.1	44.3	83.2	32.0	24.8	4.88	27.2	55.6	45.2	37.9	21
22	26.8	16.8	16.0	46.6	74.4	32.4	25.8	5.12	33.0	60.6	45.6	37.5	22
23	27.2	17.3	15.9	49.1	69.8	32.3	25.9	6.28	36.5	62.0	46.1	37.0	23
24	27.6	17.3	15.8	55.5	67.9	32.0	24.4	7.67	37.4	61.7	46.0	37.5	24
25	27.3	17.3	15.4	69.2	66.8	29.6	24.2	8.49	36.5	61.6	45.1	37.6	25
26	27.1	17.3	15.1	98.9	63.8	31.7	23.5	9.13	32.2	60.9	43.9	37.8	26
27	25.5	17.4	13.5	136	62.4	33.7	19.3	10.2	31.0	60.3	42.6	37.8	27
28	23.7	17.3	11.9	150	63.0	34.6	16.8	10.8	29.4	59.1	41.7	38.5	28
29	22.5		11.2	155	67.6	33.5	14.7	10.8	28.0	58.2	41.0	39.0	29
30	22.1		10.9	163	69.7	32.5	13.1	11.2	27.7	57.3	40.5	39.3	30
31	21.5		11.3		68.5		11.9	10.7		56.3		39.7	31
TOTAL	779.5	505.8	504.4	1 306.0	3 914.0	1 165.4	639.1	282.52	583.9	1 279.1	1 318.9	1 211.5	TOTAL
MEAN	25.1	18.1	16.3	43.5	126	38.8	20.6	9.11	19.5	41.3	44.0	39.1	MEAN
MAX	27.6	21.2	18.9	163	216	67.3	31.0	11.2	37.4	62.0	54.7	41.8	MAX
MIN	21.5	16.8	10.9	11.5	62.4	29.6	11.9	4.88	10.2	23.3	38.0	37.0	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.0
MAXIMUM DAILY, 216 ON MAY 4
MINIMUM DAILY, 4.88 ON AUG 21
MAXIMUM INSTANTANEOUS,
217 AT 23:15 EST ON MAY 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 38 21 N
LONG 80 11 28 W
DRAINAGE AREA, 4 300 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	67 300	JUL	55 200
FEB	43 700	AUG	24 400
MAR	43 600	SEP	50 400
APR	113 000	OCT	111 000
MAY	338 000	NOV	114 000
JUN	101 000	DEC	105 000

TOTAL DISCHARGE, 1 170 000 dam³

MONTREAL RIVER NEAR MONTREAL RIVER HARBOUR - STATION NO. 02BE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.48	16.7	44.1	45.3	48.4	53.4	25.2	20.7	5.55	13.1	16.5	35.0	1
2	10.2	11.4	52.7	43.3	49.9	65.9	11.6	10.7	10.8	6.60	24.5	43.7	2
3	7.19	24.8	62.0	30.2	51.5	61.4	19.0	27.9	0	0.765	31.2	42.9	3
4	13.3	43.3	56.1	38.0	48.7	44.6	10.9	40.4	0.793	10.4	42.1	41.9	4
5	9.15	41.5	67.6	52.9	66.2	46.4	17.2	36.4	0	27.1	26.0	41.6	5
6	18.5	47.1	54.0	50.0	44.6	28.3	46.6	39.3	0	20.8	43.7	30.8	6
7	20.8	31.0	46.7	42.7	42.3	46.4	55.4	34.3	12.1	23.4	23.3	45.1	7
8	22.0	30.6	60.0	41.6	46.4	45.2	58.9	33.3	25.3	12.4	28.5	38.1	8
9	15.8	22.8	42.2	35.0	59.5	62.4	20.3	26.6	23.6	9.94	35.3	45.3	9
10	32.6	34.2	53.0	23.9	50.6	46.9	8.47	46.0	16.4	13.3	34.2	48.5	10
11	15.7	43.8	52.4	23.4	53.9	36.7	7.39	37.3	14.4	0	17.6	43.2	11
12	15.3	30.5	51.4	30.5	48.7	46.9	21.6	40.4	5.18	9.57	31.8	39.0	12
13	25.2	11.7	32.1	31.3	43.2	27.7	31.1	50.2	6.82	18.3	46.4	44.1	13
14	16.2	9.43	19.9	30.9	47.5	37.0	44.2	43.9	13.2	20.2	44.8	42.6	14
15	24.5	17.5	32.3	31.0	47.1	37.4	49.3	40.4	33.6	3.94	38.4	46.5	15
16	30.2	25.8	52.4	30.6	26.2	54.3	53.3	36.1	31.1	13.6	27.1	50.2	16
17	41.5	25.1	39.2	26.9	40.7	50.7	52.9	42.5	36.3	2.61	32.7	52.4	17
18	32.8	19.9	40.0	30.8	40.8	53.1	38.9	35.9	38.9	6.06	29.8	47.8	18
19	19.1	13.2	45.6	31.1	51.0	36.0	45 1	41.6	41.0	9.12	28.7	46.3	19
20	20.8	11.4	42.1	31.9	54.3	18.0	50.4	33.0	51.6	22.5	36.4	45.1	20
21	30.9	9.71	26.0	30.5	53.5	25.2	53.5	43.6	43.7	21.3	38.3	47.2	21
22	42.5	25.2	34.7	46.8	66.2	40.7	56.5	28.3	44.2	22.0	43.4	47.7	22
23	42.3	25.8	41.9	47.1	76.8	43.6	42.9	50.3	41.1	10.3	35.7	48.2	23
24	26.8	27.7	27.8	19.7	67.2	41.8	46.0	45.7	46.2	10.7	44.6	35.7	24
25	22.8	33.7	32.5	21.0	65.3	39.2	33.0	57.5	53.9	12.1	51.7	38.5	25
26	20.8	24.6	33.0	25.0	55.0	41.0	44.6	39.1	38.2	7.36	43.2	48.3	26
27	24.5	14.4	31.1	22.1	57.2	27.6	36.5	38.8	33.2	14.8	38.3	50.5	27
28	15.3	13.4	26.4	31.0	43.8	40.0	44.3	54.1	40.3	25.6	36.8	50.9	28
29	27.4		30.7	40.5	40.9	47.9	56.0	26.6	31.2	11.5	35.8	53.2	29
30	10.7		31.7	51.1	52.2	54.5	58.3	23.7	32.2	7.50	29.1	41.1	30
31	12.2		39.4		32.5		50.0	32.5		8.83		77.1	31
TOTAL	673.52	686.24	1 301.0	1 036.1	1 572.1	1 300.2	1 189.26	1 157.1	770.843	399.695	1 035.9	1 408.5	TOTAL
MEAN	21.7	24.5	42.0	34.5	50.7	43.3	38.4	37.3	25.7	12.9	34.5	45.4	MEAN
MAX	42.5	47.1	67.6	52.9	76.8	65.9	58.9	57.5	53.9	27.1	51.7	77.1	MAX
MIN	6.48	9.43	19.9	19.7	26.2	18.0	7.39	10.7	0	0	16.5	30.8	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.3
MAXIMUM DAILY, 77.1 ON DEC 31
MINIMUM DAILY, 0 ON SEP 3

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 12 50 N
LONG 84 37 10 W
DRAINAGE AREA, 2 880 km²

REGULATED SINCE 1935

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	58 200	JUL	103 000
FEB	59 300	AUG	100 000
MAR	112 000	SEP	66 600
APR	89 500	OCT	34 500
MAY	136 000	NOV	89 500
JUN	112 000	DEC	122 000

TOTAL DISCHARGE, 1 080 000 dam³

DATA CONTRIBUTED BY -
GREAT LAKES POWER COMPANY LIMITED

REMARKS - STA. NO. 02BE001 PRIOR TO OCT 1935. RELOCATED IN 1935,60,65. PRIOR TO 1980 PUB. AS "MONTREAL RIVER AT RAILWAY BRIDGE"

MOOSE RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.26	3.95B	3.62B	32.1E	184	14.1	1.95	0.610	0.828	0.705	1.24	93.5	1
2	4.28	3.95B	3.62B	34.7E	158	4.95	1.99	0.602	0.919	0.711	1.24	92.9	2
3	4.25	3.94B	3.62B	34.2E	174	2.49	1.92	0.588	0.990	0.658	1.41	101	3
4	4.42	3.92B	3.62B	35.4E	170	1.12	1.86	0.614	0.997	0.636	1.53	124	4
5	4.64	3.90B	3.62B	39.9E	153	0.617	1.72	0.641	0.930	0.597	1.57	127	5
6	4.58	3.89B	3.62B	43.5	134	0.501	1.69	0.629	0.994	0.585	1.64	140	6
7	4.54	3.88B	3.62B	45.8	99.0	0.454	1.65	0.641	1.05	0.587	1.64	161	7
8	4.47	3.87B	3.62B	44.7	27.4	0.444	1.59	0.664	1.08	0.554	1.60	172	8
9	4.41B	3.86B	3.62B	44.7	22.5	0.468	1.57	0.667	1.08	0.503	1.53	173	9
10	4.40B	3.85B	3.90B	44.7	19.9	0.571	1.60	0.669	1.06	0.500	1.53	171	10
11	4.38B	3.84B	4.01	45.2	16.7	0.665	1.60	0.670	1.02	0.515	1.49	169	11
12	4.36B	3.83B	4.03	45.8	17.9	0.643	1.58	0.669	0.983	0.555A	2.14	167	12
13	4.34B	3.82B	4.24	51.6	20.4	0.657	1.59	0.667	0.929	0.600E	3.22	163	13
14	4.32B	3.81B	4.30	57.6	19.5	0.686	1.58	0.680	0.905	0.750E	2.93	156	14
15	4.30B	3.80B	4.30	64.1	15.4	0.761	1.56	0.692	0.911	1.30 E	5.44	148	15
16	4.28B	3.78B	4.58	74.2	16.1	1.25	1.54	0.702	0.918	1.70 E	41.9	142	16
17	4.26B	3.76B	4.70	97.9	16.4	1.16	1.55	0.667	0.902	1.65 E	41.8	137	17
18	4.24B	3.74B	4.62	112	17.2	1.02	1.62	0.674	1.12	1.37 A	44.8	130	18
19	4.22B	3.72B	4.71	121	16.8	1.50	1.66	0.728	1.15	1.23	48.5	125	19
20	4.20B	3.70B	4.77	138	16.3	2.21	1.64	0.833	1.05	1.12	53.6	107	20
21	4.19B	3.69B	4.89	153	16.2	2.32	1.64	0.801	0.981	1.15	57.8	41.0	21
22	4.20B	3.68B	4.97	166	16.1	2.16	1.62	0.869	0.926	1.19	59.0	36.9	22
23	4.30B	3.67B	17.2 E	176	16.5	7.55	1.54	1.28	0.896	1.22	61.2	27.4	23
24	4.40B	3.66B	23.7 E	183	16.8	35.8	0.953	1.02	0.863	1.25	65.2	9.08	24
25	4.25B	3.65B	27.3 E	189	16.5	42.7	0.589	0.941	0.853	1.26	68.1	11.4	25
26	4.10B	3.65B	31.9 E	193	16.4	47.9	0.538	0.951	0.854	1.26	88.0	17.5	26
27	4.06B	3.64B	32.6 E	202	16.3	44.6	0.565	1.01	0.852	1.27	90.6	23.9	27
28	4.03B	3.63B	32.3 E	207	16.9	31.5	0.663	0.964	0.848	1.23	94.5	31.0	28
29	4.00B		31.7 E	209	21.0	3.87	0.622	0.915	0.721	1.19	94.1	68.4	29
30	3.97B		31.2 E	200	20.1	2.03	0.599	0.862	0.683	1.19	94.4	140	30
31	3.95B		31.2 E		19.8		0.605	0.821		1.19		147	31
TOTAL	132.60	106.08	349.70	3 085.1	1 507.1	256.657	43.394	23.741	28.293	30.226	1 033.65	3 352.98	TOTAL
MEAN	4.28	3.79	11.3	103	48.6	8.56	1.40	0.766	0.943	0.975	34.5	108	MEAN
MAX	4.64	3.95	32.6	209	184	47.9	1.99	1.28	1.15	1.70	94.5	173	MAX
MIN	3.95	3.63	3.62	32.1	15.4	0.444	0.538	0.588	0.683	0.500	1.24	9.08	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.3
MAXIMUM DAILY, 209 ON APR 29
MINIMUM DAILY, 0.444 ON JUN 8
MAXIMUM INSTANTANEOUS,
211 AT 09:40 EST ON APR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 48 N
LONG 79 47 12 W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 500	JUL	3 750
FEB	9 170	AUG	2 050
MAR	30 200	SEP	2 440
APR	267 000	OCT	2 610
MAY	130 000	NOV	89 300
JUN	22 200	DEC	290 000

TOTAL DISCHARGE, 860 000 dam³

MOOSE CREEK AT LEVACK - STATION NO. 02CF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.030B	0.180B	0.190B	0.550B	2.53	0.630	0.036	0.018	0.090	0.439	0.705	1.03	1
2	0.035B	0.185B	0.180B	0.590B	2.40	0.586	0.055	0.017	0.147	0.417	0.762	1.05	2
3	0.038B	0.185B	0.180B	0.620B	2.23	0.450	0.054	0.017	0.146	0.420	0.710	1.34	3
4	0.040B	0.190B	0.160B	0.900B	2.12	0.412	0.035	0.017E	0.109	0.393	0.671	1.13	4
5	0.040B	0.190B	0.140B	0.960B	2.00	0.381	0.025	0.017E	0.092	0.369	0.667	0.936	5
6	0.041B	0.190B	0.180B	0.920B	1.85	0.355	0.023	0.017	0.133	0.368	0.550	1.18	6
7	0.042B	0.195B	0.180B	0.820B	1.67	0.324	0.021	0.017	0.083	0.647	0.435	0.996	7
8	0.043B	0.195B	0.180B	0.780B	1.47	0.293	0.032	0.018	0.058	0.977	0.341	0.750B	8
9	0.047B	0.195B	0.180B	0.740B	1.32	0.270	0.062	0.019	0.045	1.04	0.309	0.660B	9
10	0.057B	0.195B	0.180B	0.900B	1.12	0.255	0.068	0.018	0.039	0.835	0.334	0.560B	10
11	0.075B	0.193B	0.182B	1.02	1.07	0.239	0.138	0.017	0.035	0.648	0.384	0.500B	11
12	0.104B	0.191B	0.190B	1.10	0.995	0.218	0.129	0.017	0.032	0.566	0.904	0.430B	12
13	0.145B	0.191B	0.225B	1.08	0.924	0.201	0.092	0.017	0.028	0.546	1.12	0.340B	13
14	0.175B	0.190B	0.215B	1.14	0.847	0.183	0.063	0.017	0.171	0.539	0.908	0.345B	14
15	0.190B	0.193B	0.211B	1.38	0.735	0.172	0.052	0.017	0.127	0.551	0.780	0.350B	15
16	0.195B	0.192B	0.210B	1.66	0.629	0.162	0.048	0.016	0.100	0.509	0.802	0.340B	16
17	0.198B	0.191B	0.210B	3.03	0.575	0.148	0.034	0.016	0.108	0.422	0.910	0.330B	17
18	0.198B	0.190B	0.210B	3.47	0.562	0.145E	0.029	0.016	0.191	0.371	0.967	0.320B	18
19	0.195B	0.190B	0.210B	3.22	0.773	0.150	0.026	0.021E	0.169	0.357	0.954	0.340B	19
20	0.190B	0.190B	0.210B	2.88	0.915	0.158E	0.023	0.032E	0.203	0.548	1.04	0.380B	20
21	0.185B	0.190B	0.210B	2.68	0.935	0.130	0.021	0.024	0.206	0.790	1.26	0.350B	21
22	0.185B	0.190B	0.210B	2.55 B	0.914	0.152	0.019	0.060	0.240	0.888	1.12	0.330B	22
23	0.180B	0.190B	0.210B	2.85	0.779	0.173	0.019	0.037E	0.282	0.877	1.14	0.350B	23
24	0.180B	0.190B	0.210B	3.26	0.714E	0.158	0.019	0.020	0.332	0.743	1.25	0.380B	24
25	0.180B	0.188B	0.210B	3.84	0.656E	0.152	0.018	0.018	0.473	0.597	1.31	0.450B	25
26	0.175B	0.188B	0.210B	3.97	0.725	0.112	0.019	0.017E	0.760	0.567	1.27 B	0.600B	26
27	0.175B	0.185B	0.210B	3.67	0.778	0.057	0.018	0.062E	0.624	0.616	1.24 B	0.600B	27
28	0.175B	0.185B	0.210B	3.12	0.783	0.032	0.018	0.074	0.550	0.761	1.22 B	0.700B	28
29	0.175B		0.210B	2.83	0.745	0.028	0.017	0.040	0.506	0.801	1.16	1.30 B	29
30	0.180B		0.220B	2.69	0.629	0.024	0.018	0.025	0.489	0.832	1.08	3.00 B	30
31	0.180B		0.350B		0.576		0.018	0.021		0.774		2.15 B	31
TOTAL	4.048	5.317	6.333	59.220	34.973	6.710	1.249	0.759	6.568	19.204	26.303	23.517	TOTAL
MEAN	0.131	0.190	0.204	1.97	1.13	0.224	0.040	0.024	0.219	0.619	0.877	0.759	MEAN
MAX	0.198	0.195	0.350	3.97	2.53	0.630	0.138	0.074	0.760	1.04	1.31	3.00	MAX
MIN	0.030	0.180	0.180	0.550	0.562	0.024	0.017	0.016	0.028	0.357	0.309	0.320	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.532
MAXIMUM DAILY, 3.97 ON APR 26
MINIMUM DAILY, 0.016 ON AUG 16
MAXIMUM INSTANTANEOUS,
4.87 AT 15:38 EST ON APR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 38 08 N
LONG 81 23 25 W
DRAINAGE AREA, 40.6 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	350	JUL	108
FEB	459	AUG	65.6
MAR	547	SEP	567
APR	5 120	OCT	1 660
MAY	3 020	NOV	2 270
JUN	580	DEC	2 030

TOTAL DISCHARGE, 16 800 dam³

REMARKS - MANUAL GAUGE UNTIL OCT 16 1981

MOOSE RIVER AT MOOSE RIVER - STATION NO. 04LG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	160 B	137B	201B	178B	2 200B	775	406	605	180E	957	2 010	730B	1
2	83.0B	160B	205B	181B	4 000B	775	376	554	187E	967	1 860	790B	2
3	140 B	154B	210B	176B	5 000B	827	260E	477	176E	964	1 690	720B	3
4	164 B	148B	212B	200B	5 500B	858	340	420E	170E	915	1 500	660B	4
5	179 B	203B	203B	198B	5 900B	779	339	435E	145E	868	1 470	740B	5
6	175 B	200B	215B	223B	6 130	715	270E	370E	152E	749	1 460	790B	6
7	171 B	122B	152B	180B	6 080	641	272E	310E	180E	747	1 400	840B	7
8	135 B	212B	151B	205B	5 890	587	255E	305E	157E	719	1 350	775B	8
9	141 B	131B	206B	230B	5 500	486	287E	312E	143E	747	1 230	780B	9
10	144 B	152B	206B	181B	5 000	541	290E	265E	200E	878	1 180	650B	10
11	129 B	151B	206B	181B	4 460	488	305E	240E	208E	1 030	1 070	580B	11
12	190 B	153B	203B	190B	3 800	520	554	320E	230E	1 090	1 010B	530B	12
13	147 B	150B	203B	171B	3 370	489	1 270	285E	205E	1 080	905B	405B	13
14	170 B	150B	158B	190B	3 040	505	1 900	410E	220E	1 070	960B	498B	14
15	155 B	150B	152B	173B	2 640	454	2 200	365E	240E	1 120	945B	600B	15
16	136 B	152B	180B	198B	2 350	405E	1 950	315E	280E	1 160	935B	475B	16
17	139 B	148B	155B	233B	2 190	405E	1 930	375E	425E	1 310	930B	470B	17
18	133 B	144B	167B	212B	1 970	390E	1 900	315E	385E	1 380	925B	420B	18
19	154 B	143B	180B	240B	1 750	414	1 890	280E	420E	1 360	860B	460B	19
20	138 B	142B	150B	260B	1 650	425	1 880	255E	460E	1 430	845B	370B	20
21	138 B	123B	145B	280B	1 610	395	1 820	253E	692	1 710	840B	410B	21
22	141 B	122B	140B	310B	1 550	429	1 680	243E	1 130	2 260	980B	395B	22
23	130 B	138B	149B	310B	1 480	404	1 390	237E	1 580	2 600	1 200B	365B	23
24	135 B	146B	177B	375B	1 360	370E	1 240	232E	1 690	2 530	1 300B	368B	24
25	134 B	174B	170B	395B	1 200	360E	1 160	215E	1 460	2 380	1 180B	370B	25
26	132 B	170B	200B	560B	1 130	371	1 030	230E	1 370	2 360	1 120B	350B	26
27	142 B	210B	101B	660B	1 060	358	956	222E	1 170	2 420	870B	315B	27
28	130 B	198B	220B	770B	969	356	830	220E	1 010	2 280	650B	305B	28
29	141 B		144B	870B	821	342E	715	220E	983	2 270	830B	320B	29
30	135 B		165B	1 050B	826	355E	651	200E	933	2 210	810B	320B	30
31	152 B		192B		772		632	189E		2 090		390B	31
TOTAL	4 493.0	4 383	5 518	9 580	91 198	15 219	30 898	9 674	16 781	45 651	34 515	16 183	TOTAL
MEAN	145	157	178	319	2 940	507	997	312	559	1 470	1 150	522	MEAN
MAX	190	212	220	1 050	6 130	858	2 200	605	1 690	2 600	2 010	840	MAX
MIN	83.0	122	101	171	772	342	255	189	143	719	810	305	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 778
MAXIMUM DAILY, 6 130 ON MAY 6
MINIMUM DAILY, 83.0B ON JAN 2
MAXIMUM INSTANTANEOUS,
6 150 AT 21:50 EST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 48 50 N
LONG 81 17 40 W
DRAINAGE AREA, 60 100 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	388 000	JUL	2 670 000
FEB	379 000	AUG	836 000
MAR	477 000	SEP	1 450 000
APR	828 000	OCT	3 940 000
MAY	7 880 000	NOV	2 980 000
JUN	1 310 000	DEC	1 400 000

TOTAL DISCHARGE, 24 500 000 dam³

REMARKS - DRAINAGE AREA REVISED SEP 1982. STATION DISCONTINUED DEC 31 1982

MUSKOKA RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	55.2	55.8	79.6	92.7	113	38.7	40.5	14.7	8.32	65.2	49.4	95.6	1
2	60.9	61.7	80.4	92.5	111	47.3	42.6	20.2	11.3	66.6	49.2	95.2	2
3	58.2	62.1	81.2	93.4	105	48.6	49.0	15.8	23.3	66.6	50.0	95.7	3
4	52.8	67.2	81.6	96.3	108	52.8	44.2	17.1	48.9	70.7	55.4	96.0	4
5	75.8	64.1	82.2	96.1	113	49.7	43.5	16.2	46.9	66.0	53.4	95.6	5
6	66.0	68.9	81.7	95.8	114	49.3	38.7	16.2	43.4	62.0	69.2	97.5	6
7	66.8	75.7	77.1	95.0	104	46.7	31.5	18.1	53.1	65.2	76.4	95.7	7
8	66.2	76.8	76.9	89.8	103	39.8	24.6	19.0	51.6	72.3	70.9	95.1	8
9	61.1	67.3	78.9	97.8	101	24.0	20.3	15.9	52.8	68.1	77.5	94.6	9
10	68.6	67.1	77.6	94.5	97.9	27.6	19.5	16.0	49.2	65.8	85.7	93.7	10
11	67.4	73.9	68.6	94.8	87.6	23.6	17.2	15.8	40.1	68.4	90.8	94.1	11
12	74.4	74.2	77.3	94.5	59.6	28.1	15.1	15.3	44.4	65.9	92.8	94.1	12
13	55.0	77.2	79.2	95.8	9.23	29.2	14.8	14.2	35.7	48.7	96.9	93.2	13
14	74.7	66.2	88.3	96.6	13.3	26.0	12.9	16.7	25.2	39.6	100	93.3	14
15	67.9	82.0	78.3	97.1	14.4	22.2	14.9	19.1	24.6	36.1	103	93.3	15
16	66.5	71.7	75.8	98.3	14.4	38.3	13.4	18.0	24.4	37.4	95.4	93.9	16
17	69.6	79.8	86.6	97.1	9.73	59.4	14.6	11.6	23.0	41.9	93.5	92.5	17
18	70.7	85.0	91.6	100	1.13 E	55.8	17.1	15.4	27.2	65.1	93.8	92.6	18
19	69.7	84.7	86.6	97.4	0.531E	58.9	14.8	12.0	24.4	71.8	93.8	93.2	19
20	57.1	83.2	91.9	97.4	0.461E	64.6	16.9	9.95	24.7	73.6	94.0	92.9	20
21	66.4	83.7	91.0	98.6	0.412E	76.8	16.3	7.48	25.6	72.6	95.5	103	21
22	60.3	87.9	91.7	96.9	0.380E	92.4	20.9	11.5	24.9	73.0	95.5	97.4	22
23	66.8	89.1	98.9	94.9	0.358E	101	20.4	11.9	37.3	75.6	96.1	94.8	23
24	63.3	80.0	94.8	95.1	1.21 E	96.2	19.7	11.2	58.8	73.4	106	104	24
25	62.8	82.3	93.5	95.5	5.07	94.3	20.1	10.7	55.4	63.5	109	109	25
26	58.8	86.3	93.2	98.5	0.934E	93.9	16.7	10.2	59.6	71.7	109	112	26
27	62.6	87.0	93.0	95.4	4.77 E	93.7	18.5	9.25	61.6	71.6	105	107	27
28	61.9	83.6	92.7	94.2	15.5	94.4	18.7	15.8	71.6	70.1	95.6	108	28
29	60.7		91.9	93.7	13.0	83.7	16.4	11.8	70.2	62.9	95.6	97.1	29
30	58.7		91.1	97.5	9.70	47.0	16.7	14.7	67.4	59.6	96.2	93.8	30
31	62.8		91.8		14.7		20.8	14.7		49.3		93.4	31
TOTAL	1 989.7	2 124.5	2 645.0	2 873.2	1 346.316	1 704.0	709.7	446.48	1 214.92	1 950.3	2 594.6	3 007.3	TOTAL
MEAN	64.2	75.9	85.3	95.8	43.4	56.8	22.9	14.4	40.5	62.9	86.5	97.0	MEAN
MAX	75.8	89.1	98.9	100	114	101	49.0	20.2	71.6	75.6	109	112	MAX
MIN	52.8	55.8	68.6	89.8	0.358	22.2	12.9	7.48	8.32	36.1	49.2	92.5	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 61.9
MAXIMUM DAILY, 114 ON MAY 6
MINIMUM DAILY, 0.358E ON MAY 23
MAXIMUM INSTANTANEOUS,
117 AT 21:40 EST ON MAY 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 01 30 N
LONG 79 46 30 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	172 000	JUL	61 200
FEB	184 000	AUG	38 600
MAR	229 000	SEP	105 000
APR	248 000	OCT	169 000
MAY	116 000	NOV	224 000
JUN	147 000	DEC	260 000

TOTAL DISCHARGE, 1 950 000 dam³

MUSKOKA RIVER BELOW BALA - STATION NO. 02EB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	59.5	59.8	83.2	125	297	52.8	42.5	15.3	9.15	65.9	50.6	189	1
2	65.2	65.7	84.0	127	269	52.3	44.6	20.8	12.2	67.3	50.4	188	2
3	62.5	66.0	84.8	128	279	51.1	50.9	16.4	24.3	67.3	51.4	197	3
4	57.2	71.1	85.2	132	278	53.9	46.1	17.7	49.9	71.3	56.9	220	4
5	80.4	68.0	85.8	136	266	50.3	45.2	16.8	47.8	66.6	55.0	223	5
6	70.6	72.8	85.3	139	248	49.8	40.4	16.8	48.4	62.6	70.8	238	6
7	71.3	79.6	80.7	141	203	47.2	33.2	18.7	54.2	65.8	78.0	257	7
8	70.7	80.7	80.5	135	130	40.2	26.2	19.7	52.7	72.9	72.5	267	8
9	65.5	71.2	82.5	143	124	24.5	21.9	16.6	53.9	68.6	79.0	268	9
10	73.0	71.0	81.5	139	118	28.2	21.1	16.7	50.3	66.3	87.2	265	10
11	71.8	77.7	72.6	140	104	24.3	18.8	16.5	41.1	68.9	92.3	263	11
12	78.8	78.0	81.3	140	77.5	28.7	16.7	16.0	45.4	66.5	94.9	261	12
13	59.3	81.0	83.4	147	29.6	29.9	16.4	14.9	36.6	49.3	100	256	13
14	79.0	70.0	92.6	154	32.8	26.6	14.5	17.4	26.1	40.4	103	249	14
15	72.2	85.8	82.6	161	29.8	23.0	16.5	19.8	25.5	37.4	108	241	15
16	70.8	75.5	80.4	173	30.5	39.6	15.3	18.7	25.3	39.1	137	236	16
17	73.9	83.6	91.3	195	26.1	60.6	16.2	12.3	23.9	43.6	135	230	17
18	74.9	88.7	96.2	212	18.3	56.8	16.7	16.1	28.3	66.5	139	223	18
19	73.9	88.4	91.3	218	17.3	60.4	16.5	12.7	25.6	73.0	142	218	19
20	61.3	86.9	96.7	235	16.8	66.8	18.5	10.8	25.8	74.7	148	200	20
21	70.6	87.4	95.9	252	16.6	79.1	17.9	8.28	26.6	73.8	153	184	21
22	64.5	91.6	96.7	263	16.5	94.6	22.5	12.4	25.8	74.2	155	134	22
23	71.1	92.8	116	271	16.9	109	21.9	13.2	38.2	76.8	157	122	23
24	67.7	83.7	119	278	18.0	132	20.7	12.2	59.7	74.7	171	113	24
25	67.1	86.0	121	285	21.6	137	20.7	11.6	56.3	64.8	177	120	25
26	62.9	90.0	125	292	17.3	142	17.2	11.2	60.5	73.0	197	130	26
27	66.7	90.6	126	297	21.1	138	19.1	10.3	62.5	72.9	196	131	27
28	65.9	87.2	125	301	32.4	126	19.4	16.8	72.4	71.3	190	139	28
29	64.7		124	303	34.0	87.6	17.0	12.7	70.9	64.1	190	166	29
30	62.7		122	298	29.8	49.0	17.3	15.6	68.1	50.8	191	234	30
31	66.8		123		34.5		21.4	15.5		50.5		240	31
TOTAL	2 122.5	2 230.8	2 995.5	5 960	2 853.4	1 961.3	753.3	470.48	1 243.45	1 980.9	3 628.0	6 362	TOTAL
MEAN	68.5	79.7	96.6	199	92.0	65.4	24.3	15.2	41.4	63.9	121	205	MEAN
MAX	80.4	92.8	126	303	297	142	50.9	20.8	72.4	76.8	197	268	MAX
MIN	57.2	59.8	72.6	125	16.5	23.0	14.5	8.28	9.15	37.4	50.4	113	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 89.2
MAXIMUM DAILY, 303 ON APR 29
MINIMUM DAILY, 8.28 ON AUG 21

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE -
LOCATION - LAT N
LONG W
DRAINAGE AREA, 4 770 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	183 000	JUL	65 100
FEB	193 000	AUG	40 600
MAR	259 000	SEP	107 000
APR	515 000	OCT	171 000
MAY	247 000	NOV	313 000
JUN	169 000	DEC	550 000

TOTAL DISCHARGE, 2 810 000 dam³

REMARKS - DAILY DISCHARGE OBTAINED BY SUMMATION OF FLOWS AT 02EB011 AND 02EB012

MUSWABIK RIVER AT OUTLET OF MUSWABIK LAKE - STATION NO. 04GF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.33 B	0.560B	0.260B	0.158B	6.80B	18.0E	10.6 E	10.6	11.3	29.3	33.7E	10.1 B	1
2	1.30 B	0.540B	0.255B	0.160B	12.6	17.7E	10.1 E	9.47	12.2	26.9	32.9E	10.1 B	2
3	1.27 B	0.530B	0.248B	0.163B	16.5	18.0E	9.40E	9.07	15.0	30.6	32.0E	19.5 B	3
4	1.23 B	0.520B	0.243B	0.167B	30.5	19.0E	9.10E	9.54	14.2	29.8	31.5E	11.3 B	4
5	1.20 B	0.500B	0.237B	0.172B	61.1	20.0E	9.00E	9.19	18.2	32.8	31.0E	12.0 B	5
6	1.16 B	0.490B	0.231B	0.177B	99.2	20.5E	9.30E	9.54	18.2	31.2	30.2E	11.2 B	6
7	1.12 B	0.475B	0.225B	0.180B	131	20.0E	9.50E	9.02	18.3	30.9	29.7E	10.0 B	7
8	1.10 B	0.460B	0.220B	0.188B	148	19.3E	9.80E	10.2	19.3	33.3	29.0E	8.90B	8
9	1.06 B	0.450B	0.214B	0.193B	155	17.5E	10.1 E	15.1	21.3	33.0	28.3E	8.00B	9
10	1.03 B	0.440B	0.210B	0.200B	155	16.0E	10.3 E	15.1	22.7	33.9	27.5E	7.30B	10
11	1.00 B	0.425B	0.204B	0.205B	151	15.2E	10.4 E	13.2	23.6	35.3	25.0B	6.80B	11
12	0.970B	0.410B	0.200B	0.212B	145	14.8E	10.5 E	13.8	25.0	35.9	23.0B	6.40B	12
13	0.940B	0.400B	0.197B	0.220B	138	14.4E	10.5 E	14.8	27.4	35.1	21.3B	6.05B	13
14	0.910B	0.390B	0.192B	0.230B	132	14.0E	10.5 E	16.2	27.9	35.9	20.3B	5.75B	14
15	0.890B	0.380B	0.188B	0.240B	122 E	13.9E	10.6 E	15.8	27.7	39.0	19.5B	5.50B	15
16	0.870B	0.370B	0.184B	0.250B	111 E	13.9E	10.6 E	18.2	29.2	35.3	18.5B	5.35B	16
17	0.850B	0.360B	0.182B	0.260B	102 E	13.9E	10.5 E	16.0	30.8	31.7	17.5B	5.15B	17
18	0.830B	0.350B	0.179B	0.270B	90.0 E	13.9E	10.5 E	15.3	31.7	33.2A	16.8B	5.00B	18
19	0.800B	0.345B	0.175B	0.285B	82.0 E	13.8E	10.6 E	15.8	31.2	34.0E	16.0B	4.80B	19
20	0.780B	0.335B	0.173B	0.300B	72.0 E	13.6E	10.3 E	15.4	31.4	34.5E	15.2B	4.65B	20
21	0.760B	0.325B	0.171B	0.310B	63.0 E	13.3E	10.2 E	13.7	29.6	35.0E	14.9B	4.45B	21
22	0.740B	0.320B	0.168B	0.340B	55.0 E	13.0E	10.0 E	13.7	29.3	35.0E	15.0B	4.35B	22
23	0.720B	0.310B	0.166B	0.370B	48.0 E	12.7E	9.80E	13.5	30.2	35.3E	16.0B	4.20B	23
24	0.700B	0.300B	0.164B	0.410B	42.0 E	12.6E	9.60E	13.3	29.9	35.5E	17.5B	4.05B	24
25	0.680B	0.295B	0.162B	0.480B	37.0 E	12.5E	9.50E	12.9	26.3	35.5E	18.0B	3.95B	25
26	0.660B	0.285B	0.160B	0.560B	34.0 E	12.4E	9.70E	12.3	25.3	35.4E	16.7B	3.80B	26
27	0.650B	0.280B	0.158B	0.700B	31.0 E	12.4E	10.0	13.0	27.3	35.3E	14.8B	3.70B	27
28	0.630B	0.270B	0.157B	1.40 B	28.0 E	12.3E	10.9	13.5	23.7	35.2E	13.0B	3.55B	28
29	0.610B		0.157B	2.50 B	25.0 E	11.8E	9.86	11.2	23.7	35.0E	11.6B	3.45B	29
30	0.600B		0.156B	4.00 B	22.0 E	11.3E	9.94	12.6	26.4	34.9E	10.8B	3.35B	30
31	0.580B		0.156B		19.0 E		10.7	11.5		34.4E		3.25B	31
TOTAL	27.970	11.115	5.992	15.300	2 364.70	451.7	312.40	402.53	728.3	1 048.1	647.2	196.95	TOTAL
MEAN	0.902	0.397	0.193	0.510	76.3	15.1	10.1	13.0	24.3	33.8	21.6	6.35	MEAN
MAX	1.33	0.560	0.260	4.00	155	20.5	10.9	18.2	31.7	39.0	33.7	12.0	MAX
MIN	0.580	0.270	0.156	0.158	6.80	11.3	9.00	9.02	11.3	26.9	10.8	3.25	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.0
MAXIMUM DAILY, 155 ON MAY 9
MINIMUM DAILY, 0.156B ON MAR 30
MAXIMUM INSTANTANEOUS,
157 AT 02:30 EST ON MAY 10

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 32 N
LONG 85 04 13 W
DRAINAGE AREA, 1 890 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 420	JUL	27 600
FEB	960	AUG	34 800
MAR	518	SEP	62 900
APR	1 320	OCT	90 600
MAY	204 600	NOV	55 900
JUN	39 000	DEC	17 000

TOTAL DISCHARGE, 536 000 dam³

REMARKS - FORMERLY PUBLISHED AS "MUSWABIK RIVER AT OUTLET OF LORNE LAKE"

NAGAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.75B	3.34B	3.15B	3.68B	25.0B	53.4	25.6	32.7	10.4	26.0	59.3	30.5B	1
2	3.75B	3.32B	3.14B	3.75B	34.0B	52.5	24.6	30.5	10.9	25.6	57.9	33.0B	2
3	3.75B	3.31B	3.14B	3.85B	48.0B	50.2	23.3	28.8	15.3	25.2	56.1	32.5B	3
4	3.72B	3.30B	3.13B	4.00B	72.0	47.9	22.4	27.5	19.3	25.4	54.6	31.0B	4
5	3.72B	3.29B	3.13B	4.10B	90.4	45.3	21.9	26.1	20.9	24.8	53.8	29.5B	5
6	3.71B	3.28B	3.12B	4.34B	99.3	41.9	24.1	24.8	20.9	24.2	53.5	28.3B	6
7	3.70B	3.27B	3.12B	4.40B	105	39.8	27.7	23.6	19.5	26.1	52.3	27.5B	7
8	3.70B	3.25B	3.12B	4.60B	105	38.2	28.9	22.8	18.6	31.4	50.6	26.3B	8
9	3.68B	3.25B	3.11B	4.70B	104	36.3	29.3	22.6	18.6	33.3	48.7	25.3B	9
10	3.65B	3.23B	3.11B	4.90B	105	35.2	28.4	23.5	18.1	33.7	46.9	24.8B	10
11	3.63B	3.22B	3.10B	5.00B	109	35.8	39.0	23.4	17.1	35.9	45.4	24.0B	11
12	3.62B	3.21B	3.10B	5.20B	112	35.2	70.0	22.3	16.6	38.5	44.5	23.3B	12
13	3.60B	3.21B	3.10B	5.40B	112	33.8	69.9	21.2	17.6	40.5	41.4	22.9B	13
14	3.60B	3.21B	3.10B	5.60B	112	32.9	67.0	20.1	19.0	43.6	39.0	22.3B	14
15	3.58B	3.21B	3.10B	5.80B	112	32.8	65.5	19.3	19.3	46.6	37.0B	21.7B	15
16	3.55B	3.20B	3.10B	5.90B	110	32.1	64.2	18.5	18.8	48.1	35.0B	21.1B	16
17	3.53B	3.20B	3.10B	6.10B	107	31.2	65.1	17.7	18.6	48.4	34.0B	20.4B	17
18	3.52B	3.20B	3.10B	6.30B	104	30.9	65.2	16.8	19.1	48.9	32.5B	20.0B	18
19	3.50B	3.20B	3.10B	6.50B	101	30.1	63.4	16.5	19.7	52.1	32.0B	19.7B	19
20	3.50B	3.20B	3.12B	6.80B	102	29.7	61.1	16.3	22.9	53.9	32.0B	19.1B	20
21	3.48B	3.19B	3.12B	7.00B	97.9	30.0	58.9	15.5	25.7	54.8	36.0B	18.6B	21
22	3.45B	3.18B	3.12B	7.40B	92.7	30.6	56.6	15.1	25.8	55.2	37.0B	18.1B	22
23	3.45B	3.18B	3.13B	7.80B	87.6	31.0	53.5	15.0	25.2	56.1	35.0B	17.9B	23
24	3.42B	3.18B	3.18B	8.20B	82.7	30.7	51.1	14.8	24.6	57.3	34.0B	17.4B	24
25	3.41B	3.18B	3.20B	8.70B	78.0	32.1	48.8	14.2	24.5	59.8	33.0B	17.2B	25
26	3.40B	3.17B	3.25B	9.30B	73.3	31.9	45.9	13.6	24.1	60.9	32.0B	17.0B	26
27	3.40B	3.16B	3.30B	10.5 B	68.5	30.8	42.9	13.1	24.1	61.1	31.0B	16.7B	27
28	3.40B	3.16B	3.35B	12.7 B	63.8	29.8	40.4	12.5	23.4	62.1	30.5B	16.4B	28
29	3.38B		3.40B	16.0 B	59.8	28.4	38.1	11.9	23.7	62.6	29.8B	16.1B	29
30	3.37B		3.50B	20.0 B	56.4	26.9	36.1	11.2	25.5	62.7	30.0B	15.9B	30
31	3.36B		3.58B		53.6		34.3	10.8		61.3		15.7B	31
TOTAL	110.28	90.30	98.42	288.52	2 683.0	1 067.4	1 393.0	602.7	607.8	1 386.1	1 234.8	690.2	TOTAL
MEAN	3.56	3.23	3.17	6.95	86.5	35.6	44.9	19.4	20.3	44.7	41.2	22.3	MEAN
MAX	3.75	3.34	3.58	20.0	112	53.4	70.0	32.7	25.8	62.7	59.3	33.0	MAX
MIN	3.36	3.16	3.10	3.68	25.0	26.9	21.9	10.8	10.4	24.2	29.8	15.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.9
MAXIMUM DAILY, 112 ON MAY 12
MINIMUM DAILY, 3.10B ON MAR 11
MAXIMUM INSTANTANEOUS,
113 AT 21:20 EST ON MAY 12

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 44 N
LONG 84 31 48 W
DRAINAGE AREA, 2 410 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 530	JUL	120 000
FEB	7 800	AUG	52 100
MAR	8 500	SEP	52 500
APR	18 000	OCT	120 000
MAY	232 000	NOV	107 000
JUN	92 200	DEC	59 600

TOTAL DISCHARGE, 879 000 dam³

NAMAKAN LAKE ABOVE KETTLE FALLS DAM - STATION NO. 05PA003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	339.685	339.407	338.793	338.366	339.234	340.525	340.650	340.840	340.817	340.677	340.468	340.016	1
2	339.676	339.380	338.773	338.350	339.292	340.518	340.654	340.839	340.822	340.692	340.453	340.009	2
3	339.672	339.349	338.753	338.376	339.345	340.527	340.657	340.840	340.818	340.693	340.414	339.992	3
4	339.661	339.324	338.737	338.368	339.410	340.553	340.665	340.833	340.819	340.692	340.377	339.985	4
5	339.648	339.300	338.719	338.355	339.486	340.561	340.683	340.826	340.802	340.683	340.361	339.970	5
6	339.641	339.273	338.699	338.343	339.546	340.564	340.706	340.829	340.799	340.690	340.365	339.959	6
7	339.627	339.251	338.682	338.332	339.603	340.585	340.710	340.838	340.797	340.733	340.356	339.948	7
8	339.618	339.224	338.665	338.322	339.650	340.577	340.708	340.838	340.797	340.708	340.355	339.940	8
9	339.605	339.199	338.648	338.311	339.697	340.584	340.707	340.823	340.794	340.768	340.348	339.931	9
10	339.595	339.174	338.636	338.306	339.744	340.624	340.718	340.824	340.785	340.804	340.339	339.917	10
11	339.582	339.153	338.628	338.294	339.800	340.622	340.726	340.820	340.780	340.829	340.323	339.910	11
12	339.572	339.129	338.615	338.284	339.832	340.623	340.732	340.816	340.783	340.844	340.323	339.904	12
13	339.561	339.105	338.615	338.283	339.883	340.617	340.737	340.821	340.788	340.833	340.312	339.898	13
14	339.550	339.078	338.595	338.273	339.943	340.625	340.745	340.829	340.776	340.822	340.302	339.887	14
15	339.544	339.061	338.579	338.277	340.022	340.610	340.753	340.838	340.773	340.813	340.293	339.880	15
16	339.533	339.032	338.570	338.291	340.087	340.599	340.746	340.842	340.766	340.797	340.285	339.873	16
17	339.517	339.015	338.557	338.311	340.164	340.596	340.783	340.841	340.770	340.778	340.280	339.865	17
18	339.508	339.002	338.546	338.333	340.259	340.601	340.783	340.843	340.766	340.754	340.270	339.856	18
19	339.504	338.980	338.534	338.372	340.330	340.595	340.791	340.851	340.758	340.736	340.260	339.848	19
20	339.493	338.961	338.521	338.414	340.363	340.590	340.805	340.845	340.750	340.718	340.222	339.842	20
21	339.483	338.939	338.512	338.462	340.388	340.581	340.825	340.841	340.744	340.693	340.180	339.837	21
22	339.472	338.922	338.499	338.515	340.405	340.578	340.840	340.848	340.738	340.672	340.148	339.829	22
23	339.486	338.902	338.489	338.590	340.424	340.571	340.853	340.847	340.730	340.649	340.109	339.819	23
24	339.478	338.883	338.483	338.685	340.445	340.567	340.871	340.842	340.724	340.620	340.075	339.803	24
25	339.470	338.864	338.474	338.789	340.464	340.570	340.887	340.835	340.719	340.602	340.051	339.780	25
26	339.459	338.845	338.459	338.878	340.475	340.590	340.897	340.824	340.713	340.589	340.042	339.762	26
27	339.452	338.826	338.441	338.957	340.489	340.606	340.886	340.815	340.701	340.570	340.041	339.747	27
28	339.443	338.806	338.419	339.025	340.498	340.621	340.873	340.808	340.700	340.552	340.034	339.732	28
29	339.433		338.399	339.092	340.511	340.631	340.862	340.813	340.706	340.527	340.028	339.720	29
30	339.428		338.388	339.167	340.516	340.642	340.855	340.813	340.695	340.507	340.023	339.710	30
31	339.419		338.387		340.524		340.857	340.811		340.489		339.696	31
MEAN	339.542	339.085	338.575	338.491	340.027	340.588	340.774	340.831	340.764	340.696	340.248	339.867	MEAN
MAX	339.685	339.407	338.793	339.167	340.524	340.642	340.897	340.851	340.822	340.844	340.468	340.016	MAX
MIN	339.419	338.806	338.387	338.273	339.234	340.518	340.650	340.808	340.695	340.489	340.023	339.696	MIN

WATER LEVELS IN METRES

MEAN, 339.964
MAXIMUM DAILY, 340.897 ON JUL 26
MINIMUM DAILY, 338.273 ON APR 14
MAXIMUM INSTANTANEOUS,
340.900 AT 17:00 CST ON JUL 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 30 00 N
LONG 92 38 20 W

REGULATED SINCE 1914

WATER LEVELS ARE REFERRED TO UNITED STATES AND CANADA BOUNDARY SURVEY DATUM

NANAKAN RIVER AT OUTLET OF LAC LA CROIX - STATION NO. 05PA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	49.5	46.6	41.2	46.5A	110	340	169	210	107	73.4	206	212	1
2	49.8	46.3	40.9	46.7A	116	339	165	206	105	74.8	206	214	2
3	50.0	45.8	40.6	51.3	122	334	163	200	104	76.3	210	215	3
4	49.5	45.5	40.5	52.3	129	328	162	196	103	76.8	216	216	4
5	49.5	45.4	40.4	52.5	137	320	160	191	101	76.6	217	217	5
6	48.9	45.2	40.3	52.4	144	317	163	187	98.9	80.8	216	216	6
7	49.0	45.1	40.0	52.4	151	308	163	182	96.5	84.0	215	217	7
8	48.6	44.7	40.0	52.4	159	302	165	177	94.3	88.0	213	216	8
9	48.1	44.4	39.9	52.1	169	298	168	174	92.6	92.0	213	216	9
10	47.8	44.4	40.2	52.0	179	293	170	170	91.7	96.2	210	215	10
11	48.2	44.3	40.8	52.1	188	290	173	166	90.3	100	208	213	11
12	48.0	43.9	41.0	52.0	199	282	177	163	91.1	106	205	212	12
13	47.6	43.8	41.5	52.0	212	276	181	158	91.9	111	206	210	13
14	47.6	43.8	41.9	52.1	225	271	189	155	91.0	116	204	208	14
15	47.1	43.5	42.1	52.4	238	264	195	151	89.1	121	202	206	15
16	46.7	43.5	42.0	52.8	250	257	201	147	87.0	127	200	204	16
17	46.7	43.3	42.0	53.2	261	251	205	143	86.9	133	198	200	17
18	46.6	43.0	42.6	54.1	274	245	208	141	86.0	139	197	198	18
19	46.6	42.7	42.8	54.9	287	238	214	137	84.7	146	195	194	19
20	46.1	42.2	43.1	55.8	300	231	218	134	83.6	150	195	192	20
21	46.2	42.0	43.1	57.2	311	226	222	132	82.4	157	195	189	21
22	46.4	41.9	43.4	59.2	321	220	225	132	80.6	164	200	185	22
23	47.9	41.8	43.6	62.3	330	211	227	129	79.8	170	202	182	23
24	48.1	41.7	43.6	66.9	337	205	228	126	78.8	176	204	179	24
25	48.0	41.5	44.1	72.6	343	201	228	124	77.8	182	206	176	25
26	47.9	41.3	44.2	79.5	347	194	227	121	76.3	189	207	172	26
27	47.9	41.1	44.5	86.6	350	188	225	117	75.7	194	208	169	27
28	47.4	41.2	44.6	93.2	351	183	223	115	76.8	198	209	166	28
29	47.3		44.6A	99.5	350	179	220	114	75.0	201	210	163	29
30	46.9		45.5A	105	350	173	217	111	73.6	202	212	160	30
31	46.6		45.7A		348		214	109		205		157	31
TOTAL	1 482.5	1 219.9	1 310.7	1 824.0	7 584	7 764	6 065	4 718	2 652.4	4 105.9	6 185	6 089	TOTAL
MEAN	47.8	43.6	42.3	60.8	245	259	196	152	88.4	132	206	196	MEAN
MAX	50.0	46.6	45.7	105	351	340	228	210	107	205	217	217	MAX
MIN	46.1	41.1	39.9	46.5	110	173	160	109	73.6	73.4	195	157	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 148
MAXIMUM DAILY, 351 ON MAY 28
MINIMUM DAILY, 39.9 ON MAR 9
MAXIMUM INSTANTANEOUS,
352 AT 14:30 CST ON MAY 28

SUMMARY FOR THE YEAR 1982

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 23 00 N
LONG 92 10 40 W
DRAINAGE AREA, 13 400 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	128 000	JUL	524 000
FEB	105 000	AUG	408 000
MAR	113 000	SEP	229 000
APR	158 000	OCT	355 000
MAY	655 000	NOV	534 000
JUN	671 000	DEC	526 000

TOTAL DISCHARGE, 4 410 000 dam³

MANTICOKE CREEK AT MANTICOKE - STATION NO. 02GC022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.28	0.255B	0.200B	15.2	1.14	2.33	1.43	0.294	0.353	1.25	0.918	3.78	1
2	2.15	0.247B	0.200B	8.35	1.08	2.20	1.21	0.370	0.340	1.03	8.80	3.30	2
3	1.59	0.242B	0.200B	9.54	0.989	2.09	1.07	0.382	0.332	0.898	5.24	3.88	3
4	7.97	0.235B	0.203B	9.34	0.969	1.98	0.957	0.454	0.321	0.792	10.3	4.37	4
5	6.00	0.231B	0.220B	5.00B	0.898	2.32	0.855	0.473	0.316	0.687	7.99	4.87	5
6	3.90	0.225B	0.214B	4.50B	0.895	4.68	0.832	0.444	0.273	0.618	5.09	8.19	6
7	2.70 B	0.220B	0.212B	4.45B	0.889	4.20	0.769	0.418	0.243	0.598	3.70	5.54	7
8	1.90 B	0.218B	0.210B	4.42B	1.04	3.37	0.692	0.502	0.231	0.855	3.02	3.98	8
9	1.50 B	0.213B	0.208B	4.40B	1.05	2.94	0.645	0.499	0.242	0.706	2.47	3.33	9
10	1.15 B	0.210B	0.206B	4.42	1.10	2.58	0.609	0.433	0.250	0.687	1.98	2.87	10
11	0.960B	0.209B	1.50 B	4.17	1.09	2.22	0.488	0.413	0.250	0.812	2.39	2.48B	11
12	0.740B	0.207B	11.0 B	3.89	1.09	1.93	0.384	0.385	0.259	0.686	3.93	2.40B	12
13	0.648B	0.203B	18.0 B	3.83	1.18	1.60	0.360	0.383	0.263	0.649	4.11	2.37B	13
14	0.580B	0.200B	30.0 B	3.65	1.20	1.34	0.253	0.346	0.267	0.666	3.25	2.35B	14
15	0.520B	0.205B	25.8	3.04	1.10	1.13	0.278	0.340	0.260	0.604	2.57	2.33	15
16	0.480B	0.213B	22.5	2.64	1.06	1.05	0.262	0.306	0.228	0.608	2.17	11.1	16
17	0.440B	0.230B	24.3	2.80	1.07	1.15	0.264	0.284	0.218	0.570	1.96	4.30B	17
18	0.400B	0.227B	16.5	3.38	1.12	1.16	0.249	0.283	0.303	0.541	1.77	3.50B	18
19	0.370B	0.222B	13.3	2.74	1.06	1.15	0.223	0.410	0.269	0.531	1.54	3.22	19
20	0.350B	0.218B	11.2	2.95	1.09	1.15	0.299	0.486	0.281	0.527	1.40	2.84	20
21	0.330B	0.215B	11.7	4.77	1.11	1.59	0.235	0.482	0.305	0.480	5.91	2.49	21
22	0.350B	0.212B	10.2	3.72	1.16	2.81	0.220	0.480	0.424	0.480	5.75	2.24	22
23	0.400B	0.210B	9.90	2.80	1.11	3.13	0.205	0.507	2.00	0.490	4.60	2.29	23
24	0.380B	0.210B	9.11	2.36	1.10	2.73	0.203	0.519	1.15	0.474	8.80	11.6	24
25	0.355B	0.208B	8.06	2.06	1.12	2.34	0.207	0.695	1.31	0.468	5.02	16.8	25
26	0.340B	0.206B	7.29	1.79	1.09	2.47	0.197	0.605	1.31	0.463	3.72	20.0	26
27	0.320B	0.203B	5.58	1.64	1.18	2.22	0.286	0.592	3.75	0.465	3.04	10.4	27
28	0.305B	0.200B	5.13	1.45	1.28	1.87	0.495	0.459	2.93	0.490	3.17	10.4	28
29	0.290B		4.38	1.31	2.88	1.93	0.483	0.387	1.89	0.495	5.38	8.48	29
30	0.275B		4.84	1.19	2.05	1.67	0.386	0.399	1.48	0.496	4.48	5.20	30
31	0.265B		15.7		2.08		0.304	0.388		0.493		3.50B	31
TOTAL	40.230	6.094	268.063	125.80	36.470	65.33	15.350	13.418	22.040	19.609	123.668	174.40	TOTAL
MEAN	1.30	0.218	8.65	4.19	1.18	2.18	0.495	0.433	0.735	0.633	4.12	5.63	MEAN
MAX	7.97	0.255	30.0	15.2	2.88	4.68	1.43	0.695	3.75	1.25	10.3	20.0	MAX
MIN	0.265	0.200	5.200	1.19	0.989	1.05	0.197	0.283	0.218	0.463	0.918	2.24	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.45
MAXIMUM DAILY, 30.0B ON MAR 10
MINIMUM DAILY, 0.197 ON JUL 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 48 34 N
LONG 80 04 36 W
DRAINAGE AREA, 181 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 480	JUL	1 330
FEB	527	AUG	1 160
MAR	23 200	SEP	1 900
APR	10 900	OCT	1 690
MAY	3 150	NOV	10 700
JUN	5 640	DEC	15 100

TOTAL DISCHARGE, 78 800 dam³

NAPANEE RIVER AT CAMDEN EAST - STATION NO. 02HN007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.02	4.68B	4.02B	46.6	21.7	9.41	6.22	1.63	1.94	3.15	2.75	11.4	1
2	5.80	4.58B	4.00B	44.5	20.1	10.4	5.62	1.65	2.15	3.08	2.96	11.7	2
3	6.38	4.65B	3.94B	48.9	18.5	9.69	5.07	1.59	2.01	3.02	3.04	12.7	3
4	6.70	4.84B	4.18B	52.4	16.9	9.07	4.66	1.58	2.05	3.01	4.45	14.3	4
5	7.70B	4.79B	4.40B	51.9	15.5	8.86	4.30	1.55	2.02	2.99	6.57	15.1	5
6	7.88B	4.78B	4.26B	50.3	14.4	9.47	3.96	1.50	2.07	2.95	5.95	15.9	6
7	7.70B	4.74B	4.21B	49.0	13.4	9.66	3.71	1.40	2.07	3.04	5.62	16.3	7
8	7.45B	4.69B	4.18B	45.3	13.3	8.91	3.45	1.38	2.06	3.73	5.43	16.4	8
9	7.20B	4.65B	4.11B	43.5	13.8	8.29	3.21	1.38	2.01	3.77	5.60	16.5	9
10	6.95B	4.60B	4.08B	42.0	13.0	7.71	3.10	1.37	1.98	3.56	5.83	15.5	10
11	6.64B	4.56B	4.02B	41.0	12.2	7.24	3.09	1.34	2.01	3.50	5.95	14.7	11
12	6.45B	4.52B	4.00B	39.4	11.5	6.68	3.38	1.33	2.00	3.43	6.35	13.6B	12
13	6.20B	4.88B	5.70B	38.1	11.1	6.32	3.05	1.46	2.02	3.38	6.93	12.4B	13
14	6.10B	4.44B	8.45B	37.2	10.5	5.84	2.94	1.45	2.11	3.28	7.01	11.5	14
15	5.90B	4.40B	7.75B	36.3	9.88	5.44	2.78	1.40	2.27	3.26	7.08	11.1	15
16	5.72B	4.38B	7.10B	35.2	9.36	5.45	2.66	1.41	2.22	3.12	7.06	13.4	16
17	5.60B	4.36B	6.65B	34.4	8.92	5.36	2.57	1.41	2.22	3.14	7.00	13.4B	17
18	5.44B	4.34B	6.40B	33.5	8.27	5.21	2.50	1.40	2.38	3.15	6.96	12.6B	18
19	5.28B	4.32B	8.20B	32.2	7.71	5.05	2.43	1.39	2.26	3.12	6.92	12.1	19
20	5.15B	4.30B	9.75	31.2	7.43	4.86	2.34	1.55	2.26	3.12	6.77	11.8	20
21	5.01B	4.28B	11.0	32.1	6.88	6.30	2.22	1.47	2.41	3.12	6.98	11.4	21
22	4.92B	4.26B	11.2	31.4	6.39	7.19	2.14	1.45	2.43	3.06	7.28	11.1B	22
23	4.83B	4.24B	12.5	30.6	6.13	7.78	2.09	1.69	2.75	3.06	7.22	10.9	23
24	4.76B	4.21B	14.5	29.7	6.34	8.40	1.97	1.64	2.79	3.01	8.26	11.2	24
25	4.62B	4.19B	19.0	29.1	6.04	8.59	1.92	2.23	2.98	2.95	8.37	13.8	25
26	4.58B	4.16B	26.0	28.5	5.55	8.66	1.88	2.15	3.01	2.92	8.59	17.5	26
27	4.50B	4.12B	26.7 B	27.7	5.26	8.39	1.76	1.96	3.17	2.83	8.68	18.0	27
28	4.46B	4.08B	27.1 B	26.3	6.00	7.89	1.93	2.03	3.26	2.80	8.60	20.0	28
29	4.44B		28.0 B	24.9	7.74	7.51	1.87	2.00	3.27	2.72	9.97	21.7	29
30	4.42B		29.7	23.3	7.76	7.02	1.76	1.94	3.22	2.64	11.1	21.9	30
31	4.54B		38.7		8.32		1.73	1.95		2.62		21.6	31
TOTAL	179.26	124.64	353.80	1 116.5	329.88	226.65	92.21	49.68	71.40	96.53	201.28	451.5	TOTAL
MEAN	5.78	4.45	11.4	37.2	10.6	7.56	2.97	1.60	2.38	3.11	6.71	14.6	MEAN
MAX	7.80	4.84	38.7	52.4	21.7	10.4	6.22	2.23	3.27	3.77	11.1	21.9	MAX
MIN	4.42	4.08	3.94	23.3	5.26	4.86	1.73	1.33	1.94	2.62	2.75	10.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.02
MAXIMUM DAILY, 52.4 ON APR 4
MINIMUM DAILY, 1.33 ON AUG 12
MAXIMUM INSTANTANEOUS,
55.9 AT 11:48 EST ON APR 7

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 20 03 N
LONG 76 50 15 W
DRAINAGE AREA, 694 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 500	JUL	7 970
FEB	10 800	AUG	4 290
MAR	30 600	SEP	6 170
APR	96 500	OCT	8 340
MAY	28 500	NOV	17 400
JUN	19 600	DEC	39 000

TOTAL DISCHARGE, 285 000 dam³

NEEBING RIVER NEAR THUNDER BAY - STATION NO. 02AB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.127B	0.119B	0.128B	1.18B	5.37	1.91	0.948	1.87	1.42	1.66	4.50	1.48 B	1
2	0.126B	0.119B	0.128B	1.45B	4.83	1.77	0.835	1.72	1.51	1.77	4.44	1.60 B	2
3	0.126B	0.119B	0.127B	1.37B	4.44	1.59	0.785	1.77	1.61	1.91	4.44	1.73 B	3
4	0.125B	0.119B	0.127B	1.30B	4.38	1.40	0.953	2.08	1.56	2.04	4.48	1.80 B	4
5	0.125B	0.118B	0.127B	1.22B	4.41	1.20	1.14	2.23	1.41	2.13	4.56	1.62 B	5
6	0.124B	0.118B	0.127B	1.17B	4.86	1.00	11.7	2.15	1.22	2.79	4.59	1.17 B	6
7	0.124B	0.118B	0.127B	1.12B	5.02	0.895	26.5	2.07	1.08	9.94	4.54	0.905B	7
8	0.124B	0.118B	0.126B	1.07B	4.48	1.17	19.4	1.96	1.01	10.7	4.43	0.710B	8
9	0.124B	0.118B	0.126B	1.05B	4.14	0.961	8.88	1.91	0.938	6.42	4.41	0.605B	9
10	0.123B	0.118B	0.126B	1.03B	4.30	1.40	5.28	1.85	0.870	13.4	4.38	0.530B	10
11	0.123B	0.117B	0.129B	1.11B	6.13	1.68	4.47	1.75	0.975	18.6	4.41	0.465B	11
12	0.124B	0.117B	0.132B	1.35B	5.91	1.87	4.22	1.60	1.09	15.7	4.43	0.435B	12
13	0.124B	0.117B	0.141B	1.80B	5.68	1.85	3.93	1.43	1.25	13.3	4.50	0.405B	13
14	0.122B	0.117B	0.149B	2.50B	9.03	1.86	5.19	1.28	1.48	9.53	4.49	0.388B	14
15	0.122B	0.117B	0.152B	4.00B	8.66	2.14	5.25	1.17	1.67	6.59	4.44	0.376B	15
16	0.122B	0.119B	0.154B	6.99B	6.13	2.37	4.47	1.10	1.69	5.06	4.38	0.368B	16
17	0.122B	0.121B	0.153B	9.50B	5.07	2.54	6.87	1.05	1.67	4.54	4.33	0.357B	17
18	0.122B	0.124B	0.152B	8.50B	5.27	2.53	5.27	1.32	1.66	4.57	4.26	0.348B	18
19	0.121B	0.128B	0.151B	9.20B	5.06	2.47	4.33	4.36	1.61	5.11	4.20	0.342B	19
20	0.121B	0.132B	0.151B	8.90B	4.23	2.32	4.11	4.19	1.55	5.07	5.54	0.335B	20
21	0.121B	0.132B	0.150B	8.60B	3.58	2.14	3.78	3.19	1.45	4.55	20.2	0.332B	21
22	0.121B	0.131B	0.150B	9.14	3.50	2.16	3.60	2.66	1.35	4.53	14.5	0.328B	22
23	0.121B	0.131B	0.149B	12.6	3.42	2.14	3.25	2.63	1.31	4.54	8.09	0.323B	23
24	0.120B	0.130B	0.149B	19.1	3.36	2.06	2.95	2.41	1.29	4.52	5.30B	0.321B	24
25	0.120B	0.130B	0.149B	19.9	3.21	1.89	2.76	2.14	1.31	4.56	3.85B	0.319B	25
26	0.120B	0.129B	0.150B	17.1	3.06	1.73	2.58	2.02	1.34	4.53	2.65B	0.317B	26
27	0.120B	0.129B	0.152B	12.6	2.91	1.49	2.37	1.87	1.36	4.54	2.00B	0.315B	27
28	0.120B	0.128B	0.159B	8.55	2.71	1.36	2.24	1.70	1.37	4.53	1.68B	0.313B	28
29	0.119B		0.169B	7.16	2.44	1.23	2.18	1.53	1.39	4.54	1.52B	0.311B	29
30	0.119B		0.290B	6.08	2.21	1.07	2.09	1.45	1.51	4.53	1.45B	0.309B	30
31	0.119B		0.935B		2.06		2.03	1.42		4.54		0.306B	31
TOTAL	3.791	3.433	5.335	187.04	139.84	52.196	154.361	61.88	40.953	190.74	150.99	19.463	TOTAL
MEAN	0.122	0.123	0.172	6.23	4.51	1.74	4.98	2.00	1.37	6.15	5.03	0.628	MEAN
MAX	0.127	0.132	0.935	19.9	9.03	2.54	26.5	4.36	1.69	18.6	20.2	1.80	MAX
MIN	0.119	0.117	0.126	1.03	2.06	0.895	0.785	1.05	0.870	1.66	1.45	0.306	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.77
MAXIMUM DAILY, 26.5 ON JUL 7
MINIMUM DAILY, 0.117B ON FEB 11
MAXIMUM INSTANTANEOUS,
30.1 AT 10:33 EST ON JUL 7

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 22 56 N
LONG 89 18 24 W
DRAINAGE AREA, 107 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	328	JUL	13 300
FEB	297	AUG	5 350
MAR	661	SEP	3 540
APR	16 200	OCT	16 500
MAY	12 100	NOV	13 000
JUN	4 510	DEC	1 600

TOTAL DISCHARGE, 87 300 dam³

NIAGARA RIVER AT QUEENSTON - STATION NO. 02HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6 460	6 400	6 120	7 250	6 380	6 910	6 710	6 140	6 030	6 140	5 970	6 140	1
2	6 000	5 970	6 140	7 020	6 290	6 820	6 770	6 460	6 290	5 580	5 920	6 140	2
3	5 800	5 860	5 860	6 940	6 290	6 680	6 310	6 340	6 460	5 640	6 000	6 290	3
4	7 110	6 140	6 000	6 690	6 710	6 650	6 570	6 480	6 290	6 060	6 260	5 970	4
5	7 420	6 140	6 430	5 920	6 540	6 290	6 140	6 200	6 060	5 920	6 850	5 800	5
6	6 630	5 800	5 890	5 470	6 600	6 430	6 570	6 340	5 780	5 920	6 800	6 580	6
7	6 430	5 860	6 120	6 000	6 740	6 970	6 630	6 060	5 830	6 030	6 140	6 630	7
8	6 680	6 000	6 120	6 120	6 460	6 970	6 400	5 800	6 000	6 170	6 430	6 290	8
9	6 400	6 030	6 310	6 340	6 120	6 710	6 430	6 290	6 140	5 470	6 800	6 200	9
10	7 020	5 780	6 000	6 430	6 650	6 740	6 120	6 600	6 120	5 210	5 720	6 540	10
11	8 300	6 000	6 120	6 510	6 600	6 880	6 230	6 290	5 640	5 970	6 060	6 140	11
12	6 060	6 120	6 340	6 570	6 570	6 680	6 650	6 290	5 690	6 230	6 540	5 890	12
13	5 720	5 690	6 460	6 740	6 400	6 600	6 430	6 310	6 140	6 140	6 480	6 310	13
14	5 720	5 720	6 740	6 540	6 650	6 880	6 400	5 890	6 030	6 430	5 890	6 510	14
15	5 950	5 830	6 430	6 710	6 430	6 910	6 400	6 030	6 000	6 630	6 430	6 170	15
16	5 950	5 780	6 460	6 710	6 400	7 020	6 170	6 460	5 950	5 780	6 260	6 380	16
17	6 290	5 480	6 770	6 880	6 710	6 880	6 060	6 400	5 860	5 550	6 060	6 260	17
18	6 230	5 780	6 680	6 630	6 710	6 800	6 060	6 340	5 970	6 030	5 830	5 800	18
19	5 830	6 230	6 710	6 770	6 910	6 630	6 460	6 460	5 720	6 060	5 830	6 060	19
20	5 970	5 780	6 510	6 820	6 770	6 600	6 310	6 480	6 120	6 340	5 720	6 570	20
21	5 610	5 920	6 740	6 910	6 630	7 020	6 310	5 890	6 060	6 630	5 750	6 650	21
22	5 550	6 090	6 820	6 770	6 140	6 910	6 310	5 950	5 970	5 720	5 830	6 460	22
23	6 060	6 030	6 740	6 740	6 260	6 880	6 290	6 860	6 140	5 320	5 970	6 290	23
24	7 020	5 550	6 710	6 650	6 740	6 940	5 890	6 370	6 430	5 300	6 310	6 260	24
25	6 140	5 950	6 740	6 310	6 540	6 880	5 950	6 460	5 470	5 830	6 630	6 170	25
26	5 800	6 200	6 800	6 680	6 600	6 400	6 400	6 510	5 660	5 720	6 570	6 630	26
27	5 800	5 830	6 650	6 820	6 940	6 230	6 200	6 290	6 030	5 750	6 060	6 340	27
28	5 970	5 890	6 460	6 740	6 940	6 770	6 230	5 830	6 000	5 800	5 830	6 800	28
29	6 140		6 650	6 710	6 510	6 800	6 260	5 800	5 950	6 060	6 510	7 280	29
30	5 610		6 630	6 680	6 600	6 850	6 480	6 260	6 000	5 580	6 460	6 850	30
31	5 300		6 910		6 460		6 000	6 120		5 380		6 570	31
TOTAL	192 970	165 810	200 060	198 060	203 250	202 730	196 140	193 600	179 830	182 390	185 110	196 890	TOTAL
MEAN	6 220	5 920	6 450	6 600	6 560	6 760	6 330	6 250	5 990	5 880	6 170	6 350	MEAN
MAX	8 300	6 400	6 910	7 250	6 940	7 020	6 770	6 600	6 460	6 630	6 850	7 280	MAX
MIN	5 300	5 440	5 860	5 470	6 120	6 230	5 890	5 800	5 470	5 210	5 720	5 800	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6 290
MAXIMUM DAILY, 8 300 ON JAN 11
MINIMUM DAILY, 5 210 ON OCT 10

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 43 09 25 N
LONG 79 02 50 W
DRAINAGE AREA, 686 000 km²

REGULATED SINCE 1955

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 700 000	JUL	16 980 000
FEB	14 300 000	AUG	16 700 000
MAR	17 300 000	SEP	15 500 000
APR	17 100 000	OCT	15 800 000
MAY	17 600 000	NOV	16 000 000
JUN	17 500 000	DEC	17 000 000

TOTAL DISCHARGE, 198 000 000 dam³

DATA CONTRIBUTED BY -
INTERNATIONAL NIAGARA COMMITTEE

REMARKS - DISCHARGES DO NOT INCLUDE WELLAND CANAL DIVERSIONS

NIPIGON RIVER AT PINE PORTAGE - STATION NO. 02AD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	122	122	127	117	107	218	157	423	252	272	369	394	1
2	118	72.2	114	132	109	243	191	298	173	288	383	409	2
3	116	86.8	118	109	108	258	176	208	225	187	402	373	3
4	131	110	118	114	128	211	171	249	283	244	359	401	4
5	118	117	123	127	100	177	161	238	272	286	385	400	5
6	113	123	104	149	112	175	183	282	246	229	382	391	6
7	106	110	122	179	120	159	171	204	244	262	377	405	7
8	131	112	123	124	97.6	167	174	184	223	250	384	394	8
9	113	115	108	123	100	184	178	234	263	188	387	398	9
10	120	146	113	121	109	162	170	221	285	151	387	389	10
11	123	123	117	111	122	167	163	219	263	232	387	406	11
12	136	127	127	116	110	158	173	216	207	272	398	390	12
13	131	124	119	122	101	170	187	255	233	255	382	400	13
14	101	108	117	128	82.9	191	170	208	263	268	389	389	14
15	121	108	119	112	104	160	178	204	271	347	392	403	15
16	128	127	125	111	118	192	201	237	250	363	405	393	16
17	114	120	124	129	130	179	174	223	270	369	392	391	17
18	141	120	119	119	170	169	166	196	251	324	392	400	18
19	114	125	122	124	194	173	176	172	242	344	388	400	19
20	121	113	131	135	190	170	246	182	262	384	362	401	20
21	122	123	125	172	180	176	239	193	242	377	389	390	21
22	124	114	113	161	164	170	260	190	229	384	388	394	22
23	112	123	126	129	164	180	230	179	257	379	394	395	23
24	121	129	126	108	188	198	205	179	247	393	395	393	24
25	136	122	117	122	160	167	192	241	303	400	394	385	25
26	111	114	129	120	184	168	191	222	251	393	397	397	26
27	118	114	114	110	177	177	215	245	284	395	400	382	27
28	129	117	125	111	169	152	226	222	294	382	388	350	28
29	120		113	107	181	167	240	231	295	402	393	319	29
30	108		110	108	175	214	266	238	288	396	358	353	30
31	113		125		167		392	226		390		398	31
TOTAL	3 732	3 256.0	3 713	3 750	4 321.5	5 452	6 222	6 939	7 628	9 806	11 558	12 083	TOTAL
MEAN	120	116	120	125	139	182	201	224	254	316	385	390	MEAN
MAX	141	146	131	179	194	258	392	423	303	402	405	409	MAX
MIN	101	73.2	104	107	82.9	152	157	172	173	151	348	319	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 215
MAXIMUM DAILY, 423 ON AUG 1
MINIMUM DAILY, 73.2 ON FEB 2

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 18 28 N
LONG 88 18 40 W
DRAINAGE AREA, 26 600 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	322 000	JUL	536 000
FEB	281 000	AUG	668 000
MAR	321 000	SEP	659 000
APR	324 000	OCT	847 000
MAY	273 000	NOV	999 000
JUN	471 000	DEC	1 040 000

TOTAL DISCHARGE, 6 780 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MITH RIVER ABOVE MITHBURG - STATION NO. 02GA038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.370B	0.280B	0.260B	90.6	1.08	1.10	1.93	0.364	0.748	2.94	0.589	12.0	1
2	0.400B	0.275B	0.258B	33.8	0.910	1.15	1.14	0.391	2.81	2.28	4.49	7.61	2
3	0.410B	0.274B	0.256B	42.6	0.787	1.15	0.820	0.508	2.18	1.73	13.3	7.04	3
4	1.03 B	0.270B	0.255B	13.5 B	0.676	0.803	0.651	21.6	1.28	1.36	8.73	27.3	4
5	2.23 B	0.268B	0.253B	9.50B	0.595	0.754	0.551	13.3	0.899	1.10	8.63	23.1	5
6	1.90 B	0.266B	0.252B	8.20B	0.537	2.66	0.456	4.30	0.695	0.912	5.22	39.9	6
7	1.42 B	0.265B	0.252B	7.50B	0.501	3.05	0.390	2.37	0.588	0.953	3.72	11.9	7
8	1.18 B	0.264B	0.251B	7.20B	0.499	1.94	0.336	1.59	0.502	1.21	3.16	6.53	8
9	1.00 B	0.263B	0.250B	11.1 B	0.459	1.34	0.306	1.23	0.429	1.13	2.85	4.25	9
10	0.900B	0.261B	0.250B	12.2	0.397	0.984	0.278	0.940	0.390	0.993	2.26	3.45	10
11	0.800B	0.260B	0.270B	8.35	0.370	0.765	0.253	0.768	0.350	0.981	2.89	2.67	11
12	0.730B	0.258B	0.320B	9.79	0.342	0.590	0.240	0.619	0.317	0.923	24.6	2.17A	12
13	0.640B	0.256B	0.900B	13.9	0.330	0.492	0.238	0.525	0.301	0.869	23.8	2.10E	13
14	0.610B	0.255B	4.40 B	18.8	0.301	0.408	0.224	0.455	0.456	0.796	8.87	2.20E	14
15	0.690B	0.270B	9.40 B	19.6	0.297	0.387	0.205	0.395	0.545	0.872	5.40	3.00E	15
16	0.630B	0.282B	13.3 B	16.1	0.290	0.447	0.197	0.344	0.379	0.933	3.94	11.0 E	16
17	0.530B	0.272B	12.5 B	32.2	0.285	0.375	0.237	0.318	0.333	0.919	3.28	13.0 A	17
18	0.440B	0.262B	15.0 B	14.5	0.281	0.568	0.758	0.279	1.50	0.860	3.11	5.33	18
19	0.390B	0.256B	16.5 B	7.47	0.277	3.15	2.68	0.270	1.32	0.775	3.19	4.03	19
20	0.360B	0.270B	17.5 B	9.20	0.306	7.59	1.46	0.282	0.973	0.760	3.98	2.74	20
21	0.325B	0.280B	20.0 B	11.8	0.294	12.2	0.902	0.273	0.793	0.804	36.8	2.20	21
22	0.305B	0.277B	19.5 B	5.45	0.282	7.05	0.571	0.266	0.724	0.772	25.3	1.77	22
23	0.315B	0.274B	23.0 B	3.64	0.276	3.24	0.420	0.283	3.35	0.727	10.9	1.81	23
24	0.335B	0.271B	36.0 B	2.82	0.280	1.97	0.331	0.294	3.45	0.662	30.8	41.2	24
25	0.320B	0.270B	45.0 B	2.22	0.268	1.34	0.284	14.5	11.1	0.605	11.2	93.8	25
26	0.310B	0.267B	25.0	1.79	0.260	1.09	0.242	9.62	9.56	0.555	6.00	36.0	26
27	0.305B	0.265B	16.2	2.58	0.253	0.883	0.233	4.04	12.5	0.505	4.08	12.8	27
28	0.315B	0.264B	12.7	2.37	1.11	0.781	0.862	2.40	16.9	0.478	3.32	15.8	28
29	0.300B		11.2	1.67	4.21	4.05	0.825	1.56	7.25	0.474	19.2	11.3	29
30	0.293B		22.7	1.28	2.49	3.62	0.526	1.15	4.22	0.462	26.2	4.86	30
31	0.285B		191		1.44		0.448	0.909		0.437		3.94	31
TOTAL	20.068	7.495	514.927	421.73	20.683	65.896	19.017	86.143	86.042	29.677	389.329	416.60	TOTAL
MEAN	0.647	0.268	16.6	14.1	0.667	2.20	0.613	2.78	2.87	0.957	10.3	13.4	MEAN
MAX	2.23	0.282	191	90.6	4.21	12.2	2.68	21.6	16.9	2.94	36.8	93.8	MAX
MIN	0.285	0.255	0.250	1.28	0.253	0.375	0.197	0.266	0.301	0.437	0.509	1.77	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.47
MAXIMUM DAILY, 191 ON MAR 31
MINIMUM DAILY, 0.187 ON JUL 16
MAXIMUM INSTANTANEOUS,
268 AT 20:07 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 29 02 N
LONG 80 50 06 W
DRAINAGE AREA, 326 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 730	JUL	1 640
FEB	648	AUG	7 440
MAR	44 500	SEP	7 430
APR	36 400	OCT	2 560
MAY	1 790	NOV	26 700
JUN	5 690	DEC	36 000

TOTAL DISCHARGE, 173 000 dam³

NITH RIVER AT NEW HAMBURG - STATION NO. 02GA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.26	1.08	1.05 B	220 B	2.17	2.25	3.34	1.09	1.50	4.81	1.35	23.5	1
2	1.28	1.08 B	1.06	70.0 B	1.93	2.45	2.00	1.07	1.48	3.69	2.39	13.3	2
3	1.27	1.06 B	1.11	67.1	1.79	3.02	1.63	1.14	2.35	2.93	17.2	9.70	3
4	1.90	1.05 B	1.06 B	58.2	1.72	1.79	1.45	4.45	2.21	2.45	15.8	29.5	4
5	4.56	1.04 B	1.02 B	16.7	1.61	1.73	1.33	21.5	1.66	2.09	12.5	29.3	5
6	4.79	1.02 B	1.01 B	17.6	1.51	4.61	1.20	6.42	1.43	1.89	8.62	68.2	6
7	4.40	1.00 B	1.00 B	13.3	1.45	5.45	1.04	3.48	1.25	1.93	5.98	31.3	7
8	3.68	0.980B	0.990B	11.2	1.50	4.28	0.977	2.29	1.17	2.30	4.89	14.0	8
9	2.98B	0.980B	0.980B	16.3	1.51	2.92	0.932	2.00	1.11	2.32	4.44	8.79	9
10	2.20B	0.970B	0.970B	21.2	1.40	1.99	0.887	1.66	1.13	2.09	3.84	6.31	10
11	1.85B	0.960B	0.980B	15.4	1.32	1.67	0.890	1.39	1.07	2.24	4.11	5.58	11
12	1.55B	0.950B	1.08 B	13.8	1.26	1.41	0.886	1.24	1.04	2.28	22.7	4.16	12
13	1.40B	0.950B	1.60 B	31.7	1.21	1.28	0.855	1.13	0.969	2.02	39.1	3.41	13
14	1.28B	0.970B	6.72	34.0	1.10	1.25	0.817	1.05	1.06	1.88	16.3	3.47	14
15	1.40B	1.02	16.9	26.5	1.01	1.16	0.823	0.981	1.51	1.92	8.79	3.60	15
16	1.28B	1.01	19.3	25.6	0.993	1.64	0.989	0.958	1.40	1.97	6.52	16.6	16
17	1.25B	0.980B	18.5	52.3	0.959	1.65	0.956	0.906	1.21	1.95	5.39	19.9 A	17
18	1.22B	0.960B	20.5	35.0	0.941	1.38	1.50	0.866	1.40	1.89	4.82	8.02	18
19	1.18B	0.950B	21.4	15.0	0.912	2.03	6.38	0.897	2.22	1.80	4.60	7.32	19
20	1.15B	0.930B	23.5	13.3	0.954	7.43	4.44	0.959	1.91	1.74	4.80	5.68	20
21	1.10B	0.920B	27.1	22.7	0.929	8.14	2.14	0.938	1.58	1.75	29.6	4.97	21
22	1.14B	0.960B	26.0	10.7	0.964	10.8	1.51	0.885	1.56	1.74	46.5	4.15	22
23	1.19B	1.00 B	28.4	6.78	1.05	5.17	1.21	0.874	3.17	1.70	18.4	3.87	23
24	1.14B	0.970B	40.8	5.29	1.06	3.17	1.06	0.871	5.91	1.65	38.0	25.8	24
25	1.10B	0.950B	53.7	4.66	0.990	2.09	0.982	9.05	7.34	1.57	23.1	115	25
26	1.14B	0.950B	43.3	3.74	0.992	1.82	0.919	17.8	15.4	1.49	10.4	110	26
27	1.21	0.940B	26.6	3.42	0.996	1.65	0.899	6.68	11.4	1.34	7.01	30.3	27
28	1.20	0.940B	18.5	4.07	4.28	1.46	1.15	3.99	22.4	1.36	5.59	25.3	28
29	1.13		15.7	3.56	6.51	2.70	1.94	2.47	12.3	1.32	12.5	24.9	29
30	1.12B		24.1	2.68	5.04	5.15	1.45	1.86	6.76	1.28	40.6	11.8	30
31	1.09B		175 B		3.18		1.19	1.60		1.31		6.95	31
TOTAL	58.36	27.570	617.930	837.60	53.240	93.50	47.672	101.605	116.859	62.62	425.04	674.68	TOTAL
MEAN	1.75	0.985	19.9	27.9	1.72	3.12	1.54	3.28	3.90	2.02	14.2	21.8	MEAN
MAX	4.79	1.08	175	220	6.51	10.8	6.38	21.5	22.4	4.81	46.5	115	MAX
MIN	1.09	0.930	0.970	2.68	0.912	1.16	0.817	0.866	0.969	1.28	1.35	3.41	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.53
MAXIMUM DAILY, 220B ON APR 1
MINIMUM DAILY, 0.817 ON JUL 14
MAXIMUM INSTANTANEOUS,
321E AT 01:00 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 22 39 N
LONG 80 42 41 W
DRAINAGE AREA, 552 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 700	JUL	4 120
FEB	2 100	AUG	8 700
MAR	53 400	SEP	10 100
APR	72 400	OCT	5 410
MAY	4 600	NOV	36 800
JUN	8 000	DEC	58 300

TOTAL DISCHARGE, 269 000 dam³

NITH RIVER NEAR CANNING - STATION NO. 02GA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.30B	3.25B	3.92B	293	7.76	10.5	9.54	3.82	5.23	12.6	4.29	47.8	1
2	4.50B	3.15B	3.88B	271	7.11	9.55	8.14	3.63	6.51	9.93	5.81	28.7	2
3	5.30B	3.15B	3.80B	105	6.64	8.56	6.35	3.67	7.37	8.41	8.98	20.0	3
4	7.70B	3.15B	3.78B	108	6.34	7.63	5.50	4.30	6.76	7.37	26.2	19.3	4
5	16.0 B	3.15B	3.75B	55.4	6.02	7.94	5.14	6.88	6.71	6.58	23.5	42.4	5
6	16.3 B	3.15B	3.74B	33.5	5.68	14.0	4.76	23.2	5.64	6.03	18.8	62.1	6
7	10.5 B	3.10B	3.73B	28.0	5.46	14.7	4.48	11.4	4.90	5.80	14.7	83.4	7
8	8.40B	3.12B	3.72B	24.1	6.40	13.6	4.11	7.95	4.41	6.05	11.7	37.9	8
9	7.00B	3.12B	3.71B	24.2	6.04	11.2	3.86	6.40	4.18	6.27	9.98	22.1	9
10	5.60B	3.12B	3.70B	31.0	5.47	9.01	3.68	5.25	3.94	6.12	9.06	16.6	10
11	5.30B	3.14B	3.69B	31.6	5.25	7.80	3.51	4.78	3.76	6.48	8.96	13.7	11
12	4.80B	3.14B	5.10B	25.2	5.06	6.72	3.44	4.25	3.74	6.60	11.6	11.8	12
13	4.30B	3.13B	7.60B	28.8	4.85	6.24	3.34	3.89	3.57	6.18	37.6	9.51	13
14	3.90B	3.15B	18.0 B	50.1	4.63	5.68	3.23	3.71	3.49	5.68	44.2	9.61	14
15	4.30B	3.35B	35.5 B	40.7	4.54	5.42	3.13	3.49	3.60	5.51	21.6	10.1	15
16	4.50B	3.70B	41.5 B	37.2	4.43	6.49	3.02	3.38	4.17	5.36	15.4	13.7	16
17	4.10B	3.60B	37.0 B	46.3	4.28	6.12	3.04	3.25	4.47	5.28	12.5	25.7	17
18	3.90B	3.50B	39.0 B	68.3	4.18	6.47	3.59	3.11	4.40	5.22	10.8	24.0	18
19	3.80B	3.45B	40.0 B	38.2	4.27	6.90	4.43	3.01	4.31	5.07	9.74	15.8	19
20	3.70B	3.42B	41.0 B	25.0	13.7	7.34	8.13	3.19	4.75	5.04	9.62	13.9	20
21	3.60B	3.40B	42.5 B	30.6	7.56	12.6	8.61	3.16	5.27	4.98	13.3	11.9	21
22	3.45B	3.70B	45.0 B	30.8	5.62	14.3	6.04	3.29	5.13	5.26	47.5	10.6	22
23	3.70B	4.10B	51.4	19.2	5.45	16.0	4.64	3.11	6.10	5.05	50.0	9.69	23
24	3.90B	4.10B	59.7	15.1	5.52	10.7	3.86	3.28	7.82	4.79	32.6	11.7	24
25	3.80B	4.00B	74.4	12.9	5.50	8.02	3.53	13.3	11.7	4.59	50.5	60.4	25
26	3.70B	3.90B	73.0	11.3	5.13	6.84	3.23	17.6	13.9	4.44	28.3	153	26
27	3.60B	3.90B	51.0	10.1	5.18	6.19	3.12	21.5	21.5	4.36	17.6	133	27
28	3.50B	3.90B	34.4	9.35	13.4	5.68	3.54	12.4	22.0	4.31	14.1	42.4	28
29	3.50B		28.7	9.25	18.8	10.6	3.72	8.60	28.3	4.22	14.3	41.6	29
30	3.40B		32.3	8.61	15.4	9.23	3.89	6.89	17.6	4.26	27.6	31.2	30
31	3.30B		130		13.1		4.42	5.87		4.12		18.5	31
TOTAL	167.65	96.04	928.52	1 521.61	218.77	271.83	142.98	211.36	235.23	181.94	610.84	1 052.11	TOTAL
MEAN	5.41	3.43	30.0	50.7	7.06	9.06	4.61	6.82	7.84	5.87	20.4	33.9	MEAN
MAX	16.3	4.10	130	293	18.8	16.0	9.54	23.2	28.3	12.6	50.5	153	MAX
MIN	3.30	3.10	3.69	8.61	4.18	5.42	3.02	3.01	3.49	4.12	4.29	9.51	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.6
MAXIMUM DAILY, 293 ON APR 1
MINIMUM DAILY, 3.01 ON AUG 19
MAXIMUM INSTANTANEOUS,
377 AT 00:39 EST ON APR 2

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 11 26 N
LONG 80 27 17 W
DRAINAGE AREA, 1 030 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 500	JUL	12 400
FEB	9 300	AUG	18 300
MAR	80 200	SEP	20 300
APR	131 000	OCT	15 700
MAY	18 900	NOV	52 800
JUN	23 500	DEC	90 900

TOTAL DISCHARGE, 487 000 dam³

NOLIN CREEK AT SUDBURY - STATION NO. 02CF009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.016B	0.014B	0.018B	1.00 B	0.187	0.432	0.085	0.021	0.531	0.146	0.126	0.130B	1
2	0.016B	0.014B	0.018B	0.960B	0.140	0.113	0.030	0.016	0.176	0.124	0.200	1.02	2
3	0.015B	0.014B	0.018B	1.30 B	0.129	0.057	0.016	0.022	0.249	0.130	0.196	0.997	3
4	0.016B	0.014B	0.017B	1.15 B	0.104	0.038	0.013	0.030	0.117	0.091	0.175	0.731	4
5	0.020B	0.014B	0.017B	0.950B	0.089	0.033	0.013	0.019	0.486	0.085	0.152	1.16	5
6	0.019B	0.014B	0.017B	0.800B	0.106	0.030	0.013	0.014	0.435	0.153	0.119	0.993	6
7	0.018B	0.015B	0.017B	0.650B	0.113	0.045	0.015	0.016	0.240	2.58	0.092	0.520B	7
8	0.017B	0.015B	0.017B	0.690B	0.146	0.029	0.014	0.017	0.145	1.27	0.096	0.440B	8
9	0.016B	0.015B	0.017B	1.00 B	0.078	0.018	0.012	0.018	0.089	0.950	0.076	0.360B	9
10	0.015B	0.016B	0.017B	1.25 B	0.085	0.018	0.012	0.016	0.077	0.824	0.069	0.260B	10
11	0.014B	0.016B	0.019B	1.25 B	0.111	0.017	0.044	0.018	0.058	0.743	0.070	0.215B	11
12	0.013B	0.016B	0.026B	1.64	0.120	0.015	0.043	0.022	0.070	0.721	1.74	0.170B	12
13	0.013B	0.017B	0.400B	2.52	0.087	0.017	0.022	0.016	0.066	0.593	0.793	0.130B	13
14	0.013B	0.017B	0.600B	1.99	0.075	0.030	0.012	0.028	0.255	0.653	0.620B	0.088B	14
15	0.012B	0.017B	0.300B	2.10	0.078	0.033	0.013	0.017	0.120	0.512	0.530B	0.066B	15
16	0.012B	0.018B	0.198B	2.09	0.081	0.023	0.132	0.041	0.171	0.398	0.440B	0.066B	16
17	0.012B	0.018B	0.175B	2.43	0.084	0.018	0.017	0.013	0.480	0.309	0.370B	0.062B	17
18	0.012B	0.018B	0.165B	1.89	0.110	0.019	0.014	0.014	0.705	0.269	0.307	0.058B	18
19	0.012B	0.018B	0.160B	1.56	0.144	0.073	0.015	0.036	0.375	0.237	0.319	0.060B	19
20	0.012B	0.018B	0.155B	1.38	0.088	0.031	0.017	0.003	0.526	0.775	0.532	0.056B	20
21	0.012B	0.018B	0.160B	1.06	0.052	0.059	0.016	0.005	0.465	0.678	0.776	0.051B	21
22	0.012B	0.018B	0.170B	1.14	0.033	0.197	0.017	0.166	0.379	0.673	0.512	0.048B	22
23	0.012B	0.018B	0.185B	1.06	0.029	0.101	0.016	0.068	0.291	0.389	0.460	0.052B	23
24	0.012B	0.018B	0.200B	0.969	0.031	0.023	0.014	0.036	0.355	0.290	0.300B	0.100B	24
25	0.012B	0.018B	0.190B	0.854	0.035	0.031	0.014	0.029	0.574	0.216	0.280B	1.50 B	25
26	0.012B	0.018B	0.180B	0.760	0.027	0.024	0.015	0.025	0.392	0.167	0.130B	1.37	26
27	0.012B	0.018B	0.165B	0.669	0.023	0.016	0.026	0.068	0.324	0.135	0.110B	1.21	27
28	0.013B	0.018B	0.155B	0.561	0.068	0.017	0.021	0.037	0.252	0.131	0.110B	2.16	28
29	0.013B		0.150B	0.458	0.053	0.018	0.018	0.028	0.193	0.176	0.110B	0.990B	29
30	0.013B		0.550B	0.312	0.038	0.017	0.034	0.033	0.150	0.167	0.112B	0.700B	30
31	0.013B		3.00 B		0.028		0.027	0.018		0.132		0.500B	31
TOTAL	0.429	0.462	6.476	36.443	2.572	1.586	0.768	0.908	8.742	14.517	9.842	16.173	TOTAL
MEAN	0.014	0.017	0.209	1.21	0.083	0.053	0.025	0.029	0.291	0.468	0.328	0.522	MEAN
MAX	0.020	0.018	3.00	2.52	0.187	0.432	0.132	0.166	0.705	2.58	1.74	2.16	MAX
MIN	0.012	0.014	0.017	0.312	0.023	0.014	0.012	0.003	0.054	0.085	0.069	0.048	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.271
MAXIMUM DAILY, 2.58 ON OCT 7
MINIMUM DAILY, 0.003 ON AUG 20
MAXIMUM INSTANTANEOUS,
9.01 AT 08:31 EST ON OCT 7

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 29 51 N
LONG 81 00 25 W
DRAINAGE AREA, 21.5 km²

B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	37.1	JUL	66.4
FEB	39.9	AUG	78.5
MAR	560	SEP	755
APR	3 150	OCT	1 350
MAY	222	NOV	850
JUN	137	DEC	1 400

TOTAL DISCHARGE, 8 550 dam³

NORTH BRANCH MUSKOKA RIVER AT PORT SYDNEY - STATION NO. 02EB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.4	18.8	16.3	35.1	106	18.9	18.2	8.66	8.66	21.3	10.4	49.9E	1
2	18.4	17.8	15.8	37.0	107	18.9	17.6	8.25	9.13	21.3	12.2	50.1E	2
3	19.0	18.9	15.2	40.3	106	17.2	17.6	8.66	19.1	21.3	16.0	53.9	3
4	20.0	18.0	15.4	42.9	106	13.2	12.8	8.66	25.9	21.1	16.0	54.7	4
5	20.0	18.1	15.9	44.8	81.3	11.4	11.9	8.66	25.5	21.0	16.5	58.8	5
6	20.9	17.4	15.3	44.8	50.8	11.4	11.2	8.66	26.1	21.3	17.1	74.7	6
7	24.3	17.4	15.2	44.3	40.9	11.3	10.9	8.66	21.5	21.3	18.8	87.2	7
8	22.5E	17.4	13.2	44.2	35.7	10.9	9.42	8.58	16.1	21.9	25.9	88.2	8
9	20.6	18.3	10.4	45.5	35.7	11.1E	8.73	8.25	18.9	22.5	33.8	88.2	9
10	20.6	16.3	12.1	46.1	35.2	11.3	7.38	8.58	16.0	21.3	34.8	86.3	10
11	21.3	18.0	15.2	45.1	30.6	11.3	10.0	8.58	16.0	21.3	37.7	79.0	11
12	20.6	18.0	13.8	44.8	29.9	11.3	11.9	8.25	16.0	20.6	40.9	70.6	12
13	21.3	17.0E	14.3	49.4	26.5	10.9	9.56	8.25	16.0	21.7	43.5	61.5	13
14	20.0	15.9	14.2	51.7	23.1	11.4	10.0	8.25	16.0	25.5	44.8	42.9	14
15	20.6	15.8	15.2	61.5	23.1	11.4	10.0	8.25	16.0	29.3	45.2	42.2	15
16	20.6	15.4	17.5	68.0	22.9	16.3	9.10	8.17	15.4	28.0	50.2	43.5	16
17	20.0	14.6	19.3	82.3	22.5	21.8	10.0	8.17	12.2	26.7	54.6	42.9	17
18	19.4	16.0	21.9	101	21.4	17.2	9.93	8.17	10.0	25.5	55.5	42.9	18
19	20.0	15.8	22.1	108	17.6	15.8	9.97	8.17	9.56	24.9	49.4	40.9	19
20	18.0	15.4	23.7	119	18.2	20.8	9.47	7.84	10.0	25.0	40.3	33.7	20
21	18.0	14.8	29.9	131	18.8	34.1	9.10	8.17	11.2	24.2	42.2	27.8	21
22	18.0	14.9	29.9	139	18.8	44.4	8.66	8.66	12.8	20.8	44.8	25.6	22
23	18.2	16.0	30.6	144	18.8	47.4	8.66	7.84	15.6	19.4	48.7	21.3	23
24	18.2	15.8	31.9	144	19.4	36.0	9.10	7.76	21.9	20.0	54.9	23.1	24
25	18.2	16.1	31.9	142	19.6	29.6	8.66	8.25	22.5	19.8	55.4	32.5	25
26	17.5	18.1	30.6	142	19.3	24.9	8.58	8.25	21.3	19.9	52.4	40.9	26
27	18.1	17.6	29.3	140	19.3	23.7	8.66	8.25	15.9	19.8	46.1	55.4	27
28	17.0	16.4	28.1	135	19.4	23.3	8.66	8.25	10.0	17.6	44.2	63.9	28
29	17.1		27.3	131	19.4	22.2	8.33	7.76	18.2	11.4	43.5	73.6	29
30	18.7		26.7	114	19.4	21.0	8.58	8.25	18.2	11.4	45.7	88.9	30
31	18.8		29.9		19.4		8.66	8.94		11.4		95.2	31
TOTAL	605.3	470.0	648.1	2 517.8	1 152.0	590.3	321.31	258.10	487.65	658.5	1 141.5	1 740.3	TOTAL
MEAN	19.5	16.8	20.9	83.9	37.2	19.7	10.4	8.33	16.3	21.2	38.1	56.1	MEAN
MAX	24.3	18.9	31.9	144	107	47.4	18.2	8.94	26.1	29.3	55.5	95.2	MAX
MIN	17.0	14.6	10.4	35.1	17.6	10.9	7.38	7.76	8.66	11.4	10.4	21.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.0
MAXIMUM DAILY, 144 ON APR 23
MINIMUM DAILY, 7.38 ON JUL 10

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 12 45 N
LONG 79 16 30 W
DRAINAGE AREA, 1 390 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	52 300	JUL	27 800
FEB	40 600	AUG	22 300
MAR	56 000	SEP	42 100
APR	218 000	OCT	56 900
MAY	99 500	NOV	98 600
JUN	51 000	DEC	150 000

TOTAL DISCHARGE, 915 000 dam³

NORTH BRANCH SOUTH NATION RIVER NEAR HECKSTON - STATION NO. 02LB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.234B	0.252B	0.271B	14.6 B	0.473	0.150	0.142	0.680	0.268	0.254	0.276	1.88	1
2	0.232B	0.248B	0.270B	13.5	0.432	0.437	0.120	2.38	0.354	0.271	0.294	1.70	2
3	0.280B	0.245B	0.269B	12.8	0.379	0.313	0.108	1.13	0.357	0.248	0.402	1.93	3
4	0.600B	0.242B	0.268B	11.0	0.317	0.266	0.097	0.766	0.406	0.244	2.54	2.47	4
5	0.910B	0.240B	0.267B	6.97	0.273	0.257	0.084	0.601	0.367	0.222	3.38	2.16	5
6	0.856B	0.238B	0.267B	5.20	0.269	0.512	0.072	0.468	0.322	0.185	2.67	2.36	6
7	0.800B	0.237B	0.266B	4.80 B	0.262	0.634	0.055	0.363	0.399	0.176	2.31	1.99	7
8	0.760B	0.235B	0.265B	3.19 B	0.252	0.551	0.048	0.292	0.332	0.306	1.90	1.60	8
9	0.710B	0.232B	0.264B	2.15	0.531	0.504	0.040	0.288	0.334	0.332	1.64	1.25 B	9
10	0.660B	0.231B	0.264B	2.25	0.540	0.469	0.032	0.235	0.322	0.312	1.35	0.930B	10
11	0.620B	0.231B	0.390B	2.39	0.476	0.414	0.034	0.186	0.268	0.291	1.34	0.710B	11
12	0.595B	0.231B	0.910B	2.48	0.414	0.352	0.245	0.157	0.224	0.275	1.19	0.560B	12
13	0.560B	0.230B	1.20 B	2.90	0.365	0.287	0.143	0.148	0.171	0.266	1.11	0.484B	13
14	0.528B	0.230B	1.87 B	3.23	0.320	0.236	0.099	0.123	0.155	0.318	0.871	0.348	14
15	0.500B	0.229B	1.80 B	3.01	0.320	0.193	0.091	0.102	0.197	0.396	0.766	0.350	15
16	0.468B	0.229B	1.72 B	3.01	0.278	0.204	0.074	0.079	0.190	0.386	0.673	2.20 B	16
17	0.448B	0.229B	1.65 B	3.14	0.244	0.203	0.062	0.064	0.171	0.351	0.619	1.81 B	17
18	0.420B	0.230B	1.57 B	3.05	0.204	0.175	0.062	0.054	0.197	0.313	0.566	1.31 B	18
19	0.400B	0.234B	1.80 B	2.57	0.192	0.159	0.289	0.048	0.234	0.297	0.539	0.795B	19
20	0.376B	0.269B	2.35 B	2.66	0.220	0.165	0.204	0.039	0.202	0.280	0.518	0.565B	20
21	0.362B	0.280B	2.43 B	3.80	0.213	0.296	0.135	0.035	0.199	0.269	0.508	0.468B	21
22	0.350B	0.279B	2.33 B	2.59	0.150	0.421	0.110	0.030	0.221	0.254	0.543	0.433B	22
23	0.330B	0.278B	2.26 B	2.12	0.116	0.353	0.090	0.050	0.216	0.231	0.617	0.417B	23
24	0.318B	0.277B	2.71 B	1.71	0.143	0.312	0.068	0.048	0.240	0.218	1.06	0.421B	24
25	0.304B	0.276B	3.50 B	1.32	0.241	0.288	0.110	0.425	0.240	0.350	0.854	1.93 B	25
26	0.291B	0.275B	5.84 B	1.08	0.218	0.332	0.115	0.654	0.226	0.250	0.808	3.34 B	26
27	0.284B	0.274B	5.15 B	0.935	0.180	0.310	0.097	0.502	0.217	0.184	0.720B	2.36 B	27
28	0.270B	0.273B	4.67 B	0.799	0.153	0.258	0.110	0.464	0.262	0.178	0.620B	2.37 B	28
29	0.266B		4.30 B	0.707	0.139	0.204	0.186	0.486	0.276	0.190	0.870	2.55 B	29
30	0.260B		4.58 B	0.600	0.130	0.180	0.206	0.376	0.271	0.196	1.69	2.01 B	30
31	0.255B		10.8 B		0.121		0.356	0.320		0.230		1.80 B	31
TOTAL	14.247	6.954	66.521	120.561	8.541	9.435	3.692	11.593	7.838	8.273	33.244	45.501	TOTAL
MEAN	0.460	0.248	2.15	4.02	0.276	0.315	0.119	0.374	0.261	0.267	1.11	1.47	MEAN
MAX	0.910	0.280	10.8	14.6	0.540	0.634	0.356	2.38	0.406	0.396	3.38	3.34	MAX
MIN	0.232	0.229	0.264	0.600	0.116	0.150	0.032	0.030	0.155	0.176	0.276	0.348	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.922
MAXIMUM DAILY, 14.6B ON APR 1
MINIMUM DAILY, 0.030 ON AUG 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 59 40 N
LONG 75 31 00 W
DRAINAGE AREA, 69.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 230	JUL	319
FEB	601	AUG	1 000
MAR	5 730	SEP	677
APR	10 000	OCT	715
MAY	738	NOV	2 870
JUN	815	DEC	3 930

TOTAL DISCHARGE, 29 000 dam³

NORTH CURRENT RIVER NEAR THUNDER BAY - STATION NO. 02AB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.228B	0.174B	0.109B	0.111B	9.75	0.843	0.200	0.337	0.329	0.456	1.91 E	1.54 B	1
2	0.227B	0.172B	0.108B	0.114B	9.31	0.720	0.190	0.284	0.446	0.414	1.75 E	1.40 E	2
3	0.226B	0.169B	0.106B	0.116B	8.01	0.644	0.190	4.47	0.421	0.623	1.61 E	1.47 E	3
4	0.224B	0.167B	0.105B	0.119B	6.77	0.570	0.207	5.09	0.334	0.637	1.81 E	1.58 E	4
5	0.223B	0.165B	0.104B	0.123B	6.21	0.520	0.239	2.98	0.290	0.557	1.75 E	1.61 E	5
6	0.222B	0.163B	0.103B	0.127B	5.90	0.465	4.04	2.11	0.261	0.992	1.63 E	1.55 E	6
7	0.221B	0.160B	0.102B	0.133B	5.54	0.454	6.68	1.62	0.241	5.56	1.57 E	1.44 E	7
8	0.219B	0.157B	0.101B	0.182B	4.78	0.422	5.46	1.37	0.218	5.27	1.48 E	1.25 B	8
9	0.218B	0.155B	0.100B	0.155B	4.08	0.394	3.18	1.35	0.218	3.80	1.41 E	1.12 B	9
10	0.216B	0.153B	0.100B	0.169B	4.25	0.688	2.33	1.10	0.205	12.0	1.33 E	1.02 B	10
11	0.215B	0.150B	0.099B	0.189B	6.90	0.574	2.02	0.840	0.222	18.3	1.60 E	0.920B	11
12	0.213B	0.148B	0.099B	0.213B	6.00	0.483	1.60	0.650	0.280	10.9	1.48 E	0.848B	12
13	0.211B	0.146B	0.098B	0.249B	5.58	0.403	1.44	0.525	0.899	8.58	1.38 E	0.770B	13
14	0.209B	0.143B	0.098B	0.295B	7.83	0.561	1.36	0.479	0.811	6.08	1.29 E	0.710B	14
15	0.207B	0.140B	0.098B	0.350B	6.80	0.830	1.14	0.425	0.530	4.82	1.20 E	0.680B	15
16	0.206B	0.137B	0.097B	0.427B	5.46	0.640	1.13	0.382	0.422	3.90	1.12 E	0.665B	16
17	0.204B	0.134B	0.097B	0.545B	4.73	0.607	1.35	0.330	0.462	3.32	1.03 E	0.655B	17
18	0.202B	0.132B	0.097B	0.690B	4.61	0.524	1.34	0.296	0.497	3.33	0.970E	0.643B	18
19	0.200B	0.129B	0.098B	0.900B	4.27	0.452	1.08	0.425	0.470	3.72	0.900E	0.635B	19
20	0.199B	0.127B	0.098B	1.23 B	3.63	0.388	0.914	0.404	0.421	3.39	1.85 E	0.623B	20
21	0.197B	0.125B	0.098B	1.80 B	3.08	0.452	0.869	0.320	0.390	3.15 E	6.82 E	0.615B	21
22	0.195B	0.123B	0.099B	2.75 B	2.62	0.509	0.879	0.372	0.342	2.83 E	5.80 E	0.607B	22
23	0.193B	0.121B	0.099B	5.58	2.26	0.429	0.799	0.392	0.316	2.58 E	4.69 E	0.600B	23
24	0.192B	0.119B	0.100B	10.7	1.82	0.404	0.693	0.347	0.349	2.31 E	3.88 E	0.595B	24
25	0.190B	0.117B	0.101B	17.5	1.63	0.420	0.653	0.321	0.364	2.05 E	3.22 E	0.583B	25
26	0.188B	0.116B	0.102B	20.1	1.41	0.387	0.591	0.311	0.336	1.87 E	2.70 E	0.578B	26
27	0.187B	0.114B	0.103B	14.3	1.25	0.366	0.553	0.290	0.325	1.67 E	2.30 E	0.570B	27
28	0.185B	0.112B	0.104B	12.3	1.08	0.349	0.500	0.243	0.327	1.50 E	2.01 B	0.568B	28
29	0.183B		0.105B	12.2	1.03	0.275	0.430	0.255	0.425	1.78 E	1.79 B	0.558B	29
30	0.180B		0.107B	11.2	0.973	0.236	0.443	0.297	0.492	2.30 E	1.65 B	0.553B	30
31	0.177B		0.109B		0.867		0.395	0.324		2.11 E		0.547B	31
TOTAL	6.357	3.968	3.144	114.827	138.390	15.009	42.895	28.939	11.643	120.799	63.930	27.503	TOTAL
MEAN	0.205	0.142	0.101	3.83	4.46	0.500	1.38	0.934	0.388	3.90	2.13	0.887	MEAN
MAX	0.228	0.174	0.109	20.1	9.75	0.843	6.68	5.09	0.899	18.3	6.82	1.61	MAX
MIN	0.177	0.112	0.097	0.111	0.867	0.236	0.190	0.243	0.205	0.414	0.900	0.547	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.58
MAXIMUM DAILY, 20.1 ON APR 26
MINIMUM DAILY, 0.097B ON MAR 16
MAXIMUM INSTANTANEOUS,
25.4 AT 02:02 EST ON APR 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 30 00 N
LONG 89 10 40 W
DRAINAGE AREA, 112 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	549	JUL	3 710
FEB	343	AUG	2 500
MAR	272	SEP	1 010
APR	9 920	OCT	10 400
MAY	12 000	NOV	5 520
JUN	1 300	DEC	2 380

TOTAL DISCHARGE, 49 900 dam³

NORTH FRENCH RIVER NEAR THE MOUTH - STATION NO. 04MF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.2 B	8.90B	6.70B	6.80B	185 B	82.7	37.8	75.5	42.1	113	285	70.0B	1
2	14.0 B	8.75B	6.65B	6.95B	275 B	131	36.9	78.6	40.6	127	256	68.0B	2
3	13.8 B	8.65B	6.60B	7.05B	375 B	176	36.0	76.1	40.3	129	226	74.0B	3
4	13.5 B	8.55B	6.55B	7.25B	560 B	179	34.6	69.1	40.9	124	204	76.0B	4
5	13.2 B	8.45B	6.45B	7.35B	891	157	33.3	63.4	45.4	116	198	69.0B	5
6	13.0 B	8.35B	6.40B	7.55B	884	133	32.7	58.2	54.1	107	206	66.0B	6
7	12.8 B	8.25B	6.40B	7.70B	886	110	37.9	52.8	61.7	98.8	206	61.0B	7
8	12.6 B	8.20B	6.35B	7.80B	868	93.7	55.8	49.7	64.2	95.5	192	58.0B	8
9	12.4 B	8.10B	6.30B	7.95B	768	82.1	87.9	47.3	61.6	91.8	174	55.0B	9
10	12.2 B	8.05B	6.25B	8.10B	659	73.9	99.9	53.3	59.1	90.7	161	52.0B	10
11	11.9 B	7.95B	6.20B	8.30B	568	67.3	95.4	63.8	59.1	87.4	137	49.5B	11
12	11.8 B	7.90B	6.15B	8.50B	508	65.0	265	74.8	75.0	81.9	136	47.0B	12
13	11.6 B	7.80B	6.10B	8.80B	461	62.9	758	85.9	95.1	76.2	92.3	45.0B	13
14	11.4 B	7.75B	6.05B	9.10B	411	61.2	698	86.6	125	72.9	86.0B	43.0B	14
15	11.2 B	7.65B	6.00B	9.30B	368	59.1	575	79.4	168	75.0	83.0B	41.0B	15
16	11.0 B	7.55B	5.95B	9.60B	331	57.7	466	70.9	192	91.0	80.0B	39.0B	16
17	10.9 B	7.50B	5.95B	10.2 B	300	57.8	410	64.5	191	117	78.0B	37.5B	17
18	10.7 B	7.45B	5.90B	11.0 B	266	61.5	417	60.3	182	131	76.0B	36.0B	18
19	10.5 B	7.35B	5.90B	12.0 B	243	63.7	396	57.1	189	137	75.0B	35.0B	19
20	10.3 B	7.30B	5.90B	13.0 B	229	62.2	344	58.8	205	164	75.0B	34.0B	20
21	10.2 B	7.20B	5.90B	14.5 B	223	58.5	285	65.3	203	200	98.0B	33.0B	21
22	10.1 B	7.15B	5.90B	16.5 B	205	54.6	237	68.9	199	212	117 B	32.0B	22
23	9.90B	7.05B	5.95B	18.5 B	181	52.0	199	68.0	185	214	130 B	31.0B	23
24	9.70B	7.00B	6.05B	22.0 B	158	48.4	167	64.8	165	210	120 B	30.0B	24
25	9.60B	7.00B	6.10B	26.0 B	137	45.8	143	60.3	145	208	108 B	29.0B	25
26	9.40B	6.95B	6.15B	32.0 B	119	44.9	131	55.7	126	227	97.0B	28.5B	26
27	9.30B	6.85B	6.20B	46.0 B	105	43.3	119	51.9	112	235	90.0B	28.0B	27
28	9.22B	6.80B	6.30B	67.0 B	92.9	41.7	106	50.1	101	243	84.0B	27.5B	28
29	9.10B		6.40B	95.0 B	83.7	40.0	96.4	47.5	92.9	258	78.0B	26.5B	29
30	9.05B		6.50B	135 B	74.8	38.8	86.3	45.3	93.7	278	73.0B	26.0B	30
31	9.00B		6.65B		71.2		78.0	43.3		293		25.5B	31
TOTAL	347.57	216.45	192.85	646.80	11 486.6	2 304.8	6 562.9	1 947.2	3 413.8	4 704.2	4 021.3	1 373.0	TOTAL
MEAN	11.2	7.73	6.22	21.6	371	76.8	212	62.8	114	152	134	44.3	MEAN
MAX	14.2	8.90	6.70	135	891	179	758	86.6	205	293	285	76.0	MAX
MIN	9.00	6.80	5.90	6.80	71.2	38.8	32.7	43.3	40.3	72.9	73.0	25.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 102
MAXIMUM DAILY, 891 ON MAY 5
MINIMUM DAILY, 5.90B ON MAR 18
MAXIMUM INSTANTANEOUS,
902 AT 12:15 EST ON MAY 5

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 00 N
LONG 80 46 00 W
DRAINAGE AREA, 6 680 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	30 000	JUL	567 000
FEB	18 700	AUG	168 000
MAR	16 700	SEP	295 000
APR	55 900	OCT	406 000
MAY	992 000	NOV	387 000
JUN	199 000	DEC	119 000

TOTAL DISCHARGE, 3 210 000 dam³

NORTH MAGNETAWAN RIVER ABOVE PICKEREL LAKE - STATION NO. 02EA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.32	1.00 B	0.720B	4.47	6.24	1.07	0.723	0.370	0.501	2.20E	1.50	4.14	1
2	1.29	0.980B	0.720B	5.11	5.39	1.08	0.686	0.445	1.90	2.80E	1.57	5.37	2
3	1.36	0.970B	0.710B	5.08	4.75	0.987	0.733	0.493	2.15	2.75E	2.56	6.93	3
4	1.37	0.960B	0.705B	5.98	4.18	0.911	0.771	0.452	2.49	2.55E	3.48	7.93	4
5	1.54	0.950B	0.705B	6.27	3.69	0.835	0.659	0.407	1.95	2.40E	3.68	7.07	5
6	1.62	0.930B	0.700B	5.82	3.39	0.813	0.593	0.378	1.98	2.25E	3.81	12.4	6
7	1.51	0.910B	0.700B	4.90	3.26	0.738	0.526	0.358	1.96	2.15E	3.66	14.2	7
8	1.38	0.900B	0.700B	4.16	3.29	0.710	0.536	0.332	1.47	2.12E	3.98	9.16	8
9	1.36	0.890B	0.700B	3.71	3.03	0.655	0.493	0.325	1.17	2.50E	5.12	5.84	9
10	1.32	0.880B	0.700B	3.52	2.67	0.638	0.449	0.307	1.00 E	3.00E	4.46	5.14	10
11	1.30	0.870B	0.710B	3.52	2.40	0.680	0.481	0.306	0.900E	3.65E	3.80	4.13	11
12	1.32	0.860B	0.780B	3.48	2.20	0.650	0.614	0.290	0.800E	3.10E	5.87	3.42	12
13	1.31	0.850B	1.05 B	4.42	2.03	0.685	0.729	0.292	1.50 E	2.98E	12.9	3.01	13
14	1.29	0.840B	1.41	6.77	1.82	0.692	0.658	0.279	2.33 E	3.88A	10.8	3.11	14
15	1.30	0.830B	1.63	8.21	1.72	0.644	0.566	0.291	2.35 E	5.11	6.65	3.05	15
16	1.29	0.820B	1.94	12.1	1.69	0.917	0.511	0.306	2.25 E	5.01	4.68	2.98	16
17	1.29	0.810B	1.95	21.3	1.59	1.05	0.487	0.323	2.23 E	4.30	3.79	2.72	17
18	1.27	0.805B	1.85	47.4	1.52	0.849	0.489	0.270	6.10 E	4.11A	3.50E	2.54	18
19	1.27	0.800B	1.77	36.1	1.49	1.48	0.474	0.302	3.70 E	4.02E	4.00E	2.42	19
20	1.24	0.790B	1.74	21.0	1.40	3.23	0.432	0.318	3.30 E	4.00E	4.40E	2.28	20
21	1.23	0.780B	1.74	17.3	1.35	2.42	0.412	0.312	2.90 E	4.10E	4.25E	2.12	21
22	1.20B	0.770B	1.69	14.3	1.26	1.88	0.393	0.359	2.62 E	4.30E	4.01	2.01	22
23	1.18B	0.760B	1.65	12.0	1.14	1.58	0.375	0.759	2.40 E	3.70E	3.73	1.94	23
24	1.16B	0.752B	1.69	14.6	1.27	1.41	0.354	0.931	2.23 E	2.80E	4.27	2.33	24
25	1.13B	0.740B	1.77	18.5	1.40	1.32	0.351	0.658	2.10 E	2.55E	3.89	6.48	25
26	1.12B	0.740B	1.84	21.6	1.26	1.34	0.346	0.523	1.93 E	2.27	3.43	18.4	26
27	1.10B	0.730B	1.73	19.7	1.18	1.18	0.340	0.498	1.83 E	2.05	2.56	23.4	27
28	1.08B	0.720B	1.74	13.3	1.14	0.988	0.337	0.511	2.20 E	1.88	2.98	17.2	28
29	1.07B		1.73	9.34	1.08	0.869	0.348	0.473	2.12 E	1.73	3.21	17.3	29
30	1.04B		1.65	7.37	1.01	0.828	0.342	0.434	2.00 E	1.61	3.79	13.3	30
31	1.03B		2.27		1.05		0.378	0.408		1.53		9.54	31
TOTAL	39.29	23.637	41.390	361.33	70.89	33.129	15.586	12.706	62.341	93.49	130.33	221.86	TOTAL
MEAN	1.27	0.844	1.34	12.0	2.29	1.10	0.503	0.410	2.08	3.02	4.34	7.16	MEAN
MAX	1.62	1.00	2.27	47.4	6.24	3.23	0.771	0.931	6.10	5.11	12.9	23.4	MAX
MIN	1.03	0.720	0.700	3.48	1.01	0.638	0.337	0.270	0.501	1.53	1.50	1.94	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.03
MAXIMUM DAILY, 47.4 ON APR 18
MINIMUM DAILY, 0.270 ON AUG 18
MAXIMUM INSTANTANEOUS,
52.1 AT 15:21 EST ON APR 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 42 12 N
LONG 79 18 33 W
DRAINAGE AREA, 149 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 390	JUL	1 350
FEB	2 040	AUG	1 100
MAR	3 580	SEP	5 390
APR	31 200	OCT	8 080
MAY	6 120	NOV	11 306
JUN	2 860	DEC	19 200

TOTAL DISCHARGE, 95 600 dam³

NORTH MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.05B	2.38B	1.76	5.22	19.8	2.68	2.76	0.554	0.715	3.73	4.53	8.50	1
2	3.02B	2.37	1.77	6.21	17.2	2.59	2.58	0.585	1.13	3.82	4.38	9.14	2
3	3.00B	2.37	1.75	7.66	15.2	2.49	2.41	0.577	1.61	3.89	4.66	10.4	3
4	3.00B	2.35B	1.77	9.16	13.6	2.38	2.24	0.576	2.23	3.84	4.98	12.0	4
5	3.03B	2.37	1.72B	10.1	12.1	2.28	2.07	0.582	2.39	3.72	5.50	13.1	5
6	3.07B	2.33	1.72B	10.7	11.1	2.21	1.94	0.553	2.89	3.64	6.06	16.	6
7	3.10B	2.33	1.72B	11.0	10.2	2.03	1.78	0.542	3.04	3.67	6.52	19.6	7
8	3.05B	2.32	1.73	10.8	9.60	1.95	1.68	0.531	3.09	3.98	6.86	21.0	8
9	3.03B	2.27	1.74	10.3	8.97	1.86	1.55	0.508	3.02	4.52	7.23	18.9	9
10	3.00B	2.20	1.75	9.90	8.28	1.81	1.43	0.486	2.90	4.95	7.67	15.9	10
11	2.99B	2.18	1.75	9.58	7.69	1.72	1.40	0.460	2.71	5.26	7.82	14.0	11
12	2.96B	2.15	1.78	9.41	7.08	1.63	1.35	0.445	2.57	5.39	9.22	12.3	12
13	2.92B	2.12	1.95	9.99	6.57	1.59	1.31	0.426	2.70	5.60	11.7	10.8	13
14	2.90B	2.10	2.09	11.3	6.08	1.49	1.26	0.409	3.15	6.14	14.6	9.73	14
15	2.88B	2.07	2.18	13.2	5.68	1.54	1.21	0.399	3.72	7.05	15.3	9.03	15
16	2.84B	2.00	2.40	16.4	5.29	1.72	1.18	0.391	4.12	7.81	14.5	8.59	16
17	2.82B	1.96	2.62	26.0	5.04	1.69	1.12	0.371	4.36	8.36	13.1	8.04	17
18	2.79B	1.96	2.86	46.3	4.75	1.67	1.07	0.344	4.95	8.44	11.7	7.54	18
19	2.77B	1.92	3.02	64.5	4.45	2.47	1.01	0.389	5.21	8.34	10.5	7.05	19
20	2.76B	1.89	3.15	59.0	4.18	2.97	0.941	0.389	5.31	8.14	9.47	6.69	20
21	2.76	1.84	3.27	47.9	3.96	3.30	0.862	0.396	5.23	8.14	9.11	6.37	21
22	2.74	1.85	3.34	39.9	3.74	3.51	0.791	0.438	5.02	8.13	8.94	5.98	22
23	2.68B	1.81B	3.40	33.5	3.51	3.63	0.728	0.528	4.70	7.99	8.93	5.72	23
24	2.66B	1.80B	3.44	30.3	3.41	3.64	0.691	0.552	4.31	7.71	9.08	5.88	24
25	2.62B	1.82	3.58	30.8	3.35	3.72	0.659	0.595	3.99	7.39	9.04	7.92	25
26	2.58	1.78	3.70	33.5	3.23	3.71	0.647	0.592	3.74	6.89	8.90	12.5	26
27	2.54	1.77	3.74	35.4	3.11	3.53	0.608	0.626	3.58	6.40	8.35	18.5	27
28	2.48B	1.74	3.76	32.9	2.99	3.37	0.605	0.622	3.63	5.95	7.76	24.7	28
29	2.45B		3.75	27.7	2.89	3.18	0.583	0.612	3.59	5.51	7.80	27.2	29
30	2.43B		3.81	23.1	2.80	2.95	0.560	0.601	3.49	5.10	8.06	27.0	30
31	2.42		4.36		2.71		0.571	0.589		4.81		23.9	31
TOTAL	87.34	58.05	81.38	691.73	218.56	75.31	39.596	15.668	103.095	184.27	262.27	404.68	TOTAL
MEAN	2.82	2.07	2.63	23.1	7.05	2.51	1.28	0.505	3.44	5.94	8.74	13.1	MEAN
MAX	3.10	2.38	4.36	64.5	19.8	3.72	2.76	0.626	5.31	8.44	15.3	27.2	MAX
MIN	2.42	1.74	1.72	5.22	2.71	1.49	0.560	0.344	0.715	3.64	4.38	5.72	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.09
MAXIMUM DAILY, 64.5 ON APR 19
MINIMUM DAILY, 0.344 ON AUG 18
MAXIMUM INSTANTANEOUS,
65.9 AT 14:15 EST ON APR 19

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 40 10 N
LONG 79 22 43 W
DRAINAGE AREA, 321 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 550	JUL	3 420
FEB	5 020	AUG	1 350
MAR	7 030	SEP	8 910
APR	59 800	OCT	15 900
MAY	18 900	NOV	22 700
JUN	6 510	DEC	35 000

TOTAL DISCHARGE, 192 000 dam³

NORTH SAUGEEN RIVER NEAR PAISLEY - STATION NO. 02FC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.94B	2.16B	1.51B	25.2 B	6.97	5.18	3.56	3.18	2.44	2.38	2.55	6.17	1
2	2.16B	2.10B	1.50B	17.8	6.83	5.18	3.86	3.22	2.33	1.83	2.86	9.67	2
3	2.87B	2.07B	1.49B	21.6	6.49	4.77	3.17	3.53	2.61	1.98	3.90	9.69	3
4	4.02B	1.98B	1.48B	16.4	6.29	4.48	3.22	2.44	1.97	2.25	3.66	8.75	4
5	5.23B	1.92B	1.56B	13.8	6.02	3.87	3.23	3.61	2.29	1.77	3.61	8.49	5
6	6.45B	1.87B	1.58B	12.3	5.95	3.90	2.72	3.38	2.29	1.91	3.49	9.20	6
7	4.82B	1.83B	1.57B	11.6	5.80	4.03	2.75	2.99	2.50	1.80	3.49	7.30	7
8	3.73B	1.76B	1.56B	10.9	5.68	3.71	2.65	3.18	2.16	1.79	3.49	6.66	8
9	3.37B	1.74B	1.55B	10.4	5.63	3.61	2.57	3.19	2.03	1.44	2.95	6.16	9
10	3.04B	1.71B	1.58B	10.1	5.63	3.54	2.26	2.89	1.77	1.65	2.84	5.76	10
11	2.86B	1.67B	1.67B	9.17	5.48	3.29	2.54	2.38	2.00	1.86	2.81	5.05	11
12	2.72B	1.63B	1.84B	9.33	5.37	2.88	2.73	2.45	1.67	2.29	4.05	4.90B	12
13	2.60B	1.59B	2.12B	11.3	5.28	3.09	2.43	2.50	2.20	2.16	4.14	4.85B	13
14	2.51B	1.57B	2.84B	10.8	5.18	3.37	2.40	1.76	1.98	2.37	4.04	4.80B	14
15	2.46B	1.54B	3.91B	10.7	4.80	5.13	2.37	2.02	1.72	2.57	4.30	4.83	15
16	2.38B	1.51B	5.68B	11.1	4.78	8.46	2.37	2.31	1.89	2.62	3.87	9.11	16
17	2.32B	1.48B	6.39B	15.0	4.93	6.86	2.05	1.96	2.17	2.99	3.65	7.20	17
18	2.27B	1.46B	7.44B	14.3	4.63	7.08	2.35	1.90	2.08	3.13	3.60	6.33	18
19	2.21B	1.52B	7.93B	16.1	4.55	10.6	2.63	1.77	2.65	2.78	3.61	6.17	19
20	2.16B	1.58B	8.22B	17.8	4.52	9.55	2.40	2.53	2.93	2.52	4.10	5.28	20
21	2.11B	1.63B	8.45B	15.7	4.37	9.97	2.26	2.48	2.22	2.68	5.21	5.23	21
22	2.07B	1.62B	8.04B	13.5	4.03	7.95	2.27	2.78	2.59	2.40	5.24	5.15	22
23	2.24B	1.61B	7.57B	12.4	5.12	6.71	2.22	3.84	2.48	2.16	5.53	5.04	23
24	2.73B	1.60B	9.12B	11.2	6.38	5.96	1.61	3.56	2.20	2.30	7.35	8.37	24
25	2.68B	1.58B	11.3 B	9.93	6.40	5.15	1.95	4.91	2.05	2.52	5.79	12.8	25
26	2.59B	1.56B	13.6 B	9.17	6.17	4.82	2.21	4.74	2.18	2.17	5.24	9.22	26
27	2.49B	1.54B	15.7 B	7.79	5.60	4.68	2.25	4.09	2.49	2.08	4.70	8.06	27
28	2.43B	1.52B	13.2 B	8.50	5.39	4.53	2.76	3.56	2.63	2.18	4.78	8.44	28
29	2.37B		10.0 B	8.19	5.42	3.42	3.04	3.30	2.29	1.96	8.50	7.66	29
30	2.28B		11.4 B	7.68	5.16	4.03	3.23	3.18	2.47	1.57	6.96	6.88	30
31	2.22B		34.3 B		5.14		3.96	2.76		1.80		6.50B	31
TOTAL	88.33	47.35	206.10	379.76	169.99	159.80	82.02	92.39	67.28	67.83	130.31	219.72	TOTAL
MEAN	2.85	1.69	6.65	12.7	5.48	5.33	2.65	2.98	2.24	2.19	4.34	7.09	MEAN
MAX	6.45	2.16	34.3	25.2	6.97	10.6	3.96	4.91	2.93	3.13	8.50	12.8	MAX
MIN	1.94	1.46	1.48	7.68	4.03	2.88	1.61	1.76	1.67	1.44	2.55	4.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.69
MAXIMUM DAILY, 34.3B ON MAR 31
MINIMUM DAILY, 1.44 ON OCT 9

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 19 04 N
LONG 81 14 46 W
DRAINAGE AREA, 262 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 630	JUL	7 090
FEB	4 090	AUG	7 980
MAR	17 800	SEP	5 810
APR	32 800	OCT	5 860
MAY	14 700	NOV	11 300
JUN	13 800	DEC	19 000

TOTAL DISCHARGE, 148 000 dam³

NORTH THAMES RIVER AT ST. MARYS - STATION NO. 02GD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.00B	2.32B	1.85B	354	8.09	6.02	7.37	2.77	4.58	17.2	2.82	45.2	1
2	3.50B	2.32B	1.80B	163	7.68	5.42	5.44	3.21	6.46	13.9	7.44	31.0	2
3	3.30B	2.30B	1.80B	166	6.73	3.79	3.39	3.35	7.44	12.0	26.0	25.3	3
4	6.80B	2.30B	1.75B	104	5.74	3.32	2.97	2.94	6.45	10.7	26.6	62.7	4
5	9.50B	2.31B	1.75B	53.8	5.10	3.46	2.82	2.74	5.70	9.15	21.5	58.1	5
6	10.0 B	2.34B	1.80B	87.1	4.37	5.93	2.57	2.69	5.22	8.89	15.1	99.1	6
7	8.00B	2.37B	1.80B	38.6	4.27	6.40	2.34	2.47	4.92	8.90	11.5	61.4	7
8	7.00B	2.38B	1.80B	35.0	4.44	5.86	2.11	2.58	4.72	9.71	9.78	38.7	8
9	6.00B	2.30B	1.70B	48.9	4.24	4.97	2.00	2.64	4.63	8.96	9.38	29.7	9
10	5.10B	2.22B	1.60B	59.4	3.83	4.31	1.90	2.19	4.49	8.53	9.65	24.4	10
11	4.50B	2.15B	1.50B	45.5	4.02	3.76	2.05	2.03	4.43	8.62	18.9	21.0	11
12	4.00B	2.12B	2.50B	44.9	3.64	3.33	2.33	1.94	4.28	8.24	57.9	18.0	12
13	3.65B	2.13B	20.0 B	86.1	3.19	3.01	2.91	1.90	4.26	7.67	72.8	14.9	13
14	3.40B	2.15B	40.0 B	87.4	2.76	2.71	2.87	1.80	4.57	6.16	44.3	14.5	14
15	3.20B	2.18B	48.0 B	67.7	2.42	3.17	2.50	1.72	6.08	3.96	30.7	12.6	15
16	2.95B	2.22B	44.5	58.0	2.28	6.38	1.81	1.67	4.90	4.06	22.9	43.0	16
17	2.80B	2.25B	47.1	84.2	2.23	4.23	2.27	1.62	4.56	3.89	20.1	42.4	17
18	2.65B	2.30B	60.0	54.3	2.16	3.40	4.05	1.62	5.68	3.78	18.3	23.8	18
19	2.60B	2.30B	57.2	33.8	2.23	4.92	4.82	1.67	5.82	3.57	18.3	16.9	19
20	2.55B	2.27B	62.1	29.1	2.26	11.4	5.77	1.97	5.52	3.72	20.5	13.3	20
21	2.57B	2.20B	71.8	41.5	1.98	11.1	3.75	1.94	5.22	3.85	69.9	11.2	21
22	2.70B	2.15B	68.9	26.9	2.15	10.7	2.72	1.92	5.82	3.78	81.1	9.37	22
23	2.78B	2.10B	78.6	20.0	2.85	7.78	2.29	1.82	15.4	3.55	48.8	9.32	23
24	2.80B	2.05B	97.1	16.3	2.13	5.92	2.02	1.74	18.5	3.28	87.4	70.1	24
25	2.75B	2.00B	115	13.9	2.03	5.12	1.85	11.4	19.7	3.08	56.1	234	25
26	2.70B	1.98B	88.5	13.8	1.88	5.02	1.78	26.4	27.8	3.01	35.6	171	26
27	2.65B	1.95B	63.9	13.9	2.51	4.39	1.76	14.7	31.9	2.88	27.3	66.6	27
28	2.55B	1.90B	49.3	10.0	14.7	4.05	3.57	9.61	49.3	2.69	23.3	60.9	28
29	2.45B		43.2	9.08	10.8	10.1	5.06	6.91	33.5	2.71	46.1	48.7	29
30	2.40B		73.4	8.48	7.69	8.56	4.41	5.70	22.4	2.69	70.0	29.4	30
31	2.35B		412		6.43		3.40	5.02		2.59		26.0	31
TOTAL	122.20	61.56	1 562.25	1 834.66	136.83	168.45	96.90	132.68	330.25	195.71	1 002.07	1 432.59	TOTAL
MEAN	3.94	2.20	50.4	61.2	4.41	5.62	3.13	4.28	11.1	6.31	33.4	46.2	MEAN
MAX	10.0	2.38	412	354	14.7	11.4	7.37	26.4	49.3	17.2	87.4	234	MAX
MIN	2.00	1.90	1.50	8.48	1.88	2.71	1.76	1.62	4.28	2.59	2.82	9.32	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.4
MAXIMUM DAILY, 412 ON MAR 31
MINIMUM DAILY, 1.50B ON MAR 11
MAXIMUM INSTANTANEOUS,
590 AT 23:44 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 15 18 N
LONG 81 08 43 W
DRAINAGE AREA, 1 080 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 600	JUL	8 370
FEB	5 330	AUG	11 500
MAR	135 000	SEP	28 900
APR	159 000	OCT	16 900
MAY	11 800	NOV	86 600
JUN	14 600	DEC	124 000

TOTAL DISCHARGE, 613 000 dam³

NORTH THAMES RIVER BELOW FANSHAWE DAM - STATION NO. 02GD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.18	4.48	3.28	434	9.68	9.34	9.21	3.78	5.14	20.2	7.25	72.5	1
2	4.36	4.16	3.33	366	9.27	8.52	7.74	3.73	4.81	16.8	6.19	44.0	2
3	4.75	4.17	3.33	212	8.85	7.09	6.02	3.75	4.64	13.6	11.5	29.7	3
4	6.76	4.22	3.36	181	7.82	5.72	5.02	3.76	6.39	12.1	14.4	52.9	4
5	14.9	4.06	3.31	66.8	7.13	5.41	4.33	3.66	5.81	10.8	31.4	87.2	5
6	18.5	3.95	3.25	61.5	6.47	6.70	4.01	3.39	5.29	9.85	23.4	113	6
7	18.0	3.72	3.19	43.9	6.06	8.33	3.78	3.22	4.84	9.78	17.3	104	7
8	13.8	3.65	3.07	39.8	6.13	8.43	3.55	3.30	4.44	10.2	14.7	59.1	8
9	10.2	3.84	3.13	48.6	6.18	7.53	3.38	3.21	4.26	10.3	13.9	37.5	9
10	8.58	3.75	2.92	68.7	5.79	6.54	3.13	3.06	4.10	9.91	13.8	27.3	10
11	6.54	3.64	3.06	57.8	5.62	5.74	3.05	2.84	4.05	9.76	13.7	23.4	11
12	6.12	3.64	3.50	50.8	5.78	5.09	3.06	2.69	4.00	9.88	25.8	20.8	12
13	6.24	3.64	5.72	76.6	5.48	4.77	3.00	2.56	3.93	9.27	72.2	13.3	13
14	5.94	3.63	22.6	117	5.18	4.29	3.25	2.53	4.04	8.81	75.8	15.9	14
15	5.92	3.68	55.5	84.2	4.89	4.06	3.42	2.52	6.14	7.22	59.1	17.5	15
16	5.93	3.70	69.4	69.7	4.71	6.71	3.29	2.48	6.08	6.01	37.1	35.2	16
17	5.80E	3.80	76.0	91.7	4.55	8.14	3.10	2.45	4.92	5.65	24.0	71.4	17
18	5.60E	3.76	89.0	84.5	4.30	6.30	3.38	2.39	4.92	5.41	21.4	38.5	18
19	5.40E	3.78	94.2	47.2	4.27	5.72	4.12	2.26	5.20	5.29	20.6	26.4	19
20	5.30E	3.63	97.5	33.8	4.40	8.34	5.18	2.25	5.38	5.26	20.7	20.9	20
21	5.22	3.65	112	44.3	4.10	13.0	5.62	2.26	4.99	5.32	40.1	17.1	21
22	5.19	3.63	108	36.7	4.04	12.5	4.59	2.27	5.11	5.23	97.5	14.6	22
23	5.05	3.64	116	25.5	4.12	10.5	3.78	2.26	8.30	5.18	99.2	13.2	23
24	5.02	3.68	144	20.0	4.09	8.07	3.30	2.28	17.1	5.04	101	83.0	24
25	5.04	3.55	161	17.0	3.76	6.76	3.02	3.98	17.4	4.72	97.2	198 E	25
26	4.94	3.38	127	15.0	3.51	6.27	2.78	13.7	23.6	4.52	55.5	340 E	26
27	4.93	3.24	80.8	15.8	3.51	6.03	2.65	17.5	27.0	8.19	33.4	229 E	27
28	4.81	3.26	59.8	13.5	11.8	5.57	2.67	12.2	48.1	10.0	25.1	86.8	28
29	4.52		51.8	11.1	19.1	6.71	3.09	8.45	46.5	9.61	38.4	79.5	29
30	4.71		74.4	10.3	13.0	10.2	3.86	6.74	28.0	10.4	88.8	47.2	30
31	4.71		265		10.8		4.06	6.36		10.2		33.1	31
TOTAL	216.96	104.93	1 848.45	2 444.6	204.39	218.38	124.44	137.83	325.90	273.71	1 200.44	2 012.0	TOTAL
MEAN	7.00	3.75	59.6	81.5	6.59	7.28	4.01	4.45	10.9	8.83	40.0	64.9	MEAN
MAX	18.5	4.48	265	434	19.1	13.0	9.21	17.5	48.1	20.2	101	340	MAX
MIN	4.18	3.24	2.92	10.3	3.51	4.06	2.65	2.25	3.93	4.52	6.19	13.2	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.0
MAXIMUM DAILY, 434 ON APR 1
MINIMUM DAILY, 2.25 ON AUG 20
MAXIMUM INSTANTANEOUS,
529 AT 15:28 EST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 02 20 N
LONG 81 11 05 W
DRAINAGE AREA, 1 450 km²

E - ESTIMATED
REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 700	JUL	10 800
FEB	9 070	AUG	11 900
MAR	160 000	SEP	28 200
APR	211 000	OCT	23 600
MAY	17 700	NOV	104 000
JUN	18 900	DEC	174 000

TOTAL DISCHARGE, 788 000 dam³

NORTH THAMES RIVER NEAR MITCHELL - STATION NO. 02GD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.500B	0.480B	0.330B	132	1.15	0.624	0.626	0.413	0.574	3.79	0.542	19.3	1
2	0.600B	0.475B	0.328B	69.0	1.06	0.618	0.424	0.476	0.549	2.68	3.89	11.9	2
3	0.580B	0.465B	0.325B	70.4	0.944	0.505	0.342	0.600	0.531	2.01	11.8	9.28	3
4	1.70 B	0.455B	0.320B	23.8	0.828	0.441	0.314	0.609	0.461	1.51	11.7	31.3	4
5	4.40 B	0.450B	0.325B	19.2	0.756	0.553	0.275	0.644	0.378	1.12	6.61	23.4	5
6	3.90 B	0.440B	0.330B	14.1	0.732	1.31	0.233	0.503	0.324	0.934	4.69	38.9	6
7	2.90 B	0.440B	0.328B	15.5	0.812	1.72	0.187	0.366	0.254	0.947	3.62	19.5	7
8	1.17 B	0.440B	0.325B	17.5	0.952	1.30	0.165	0.338	0.238	1.09	3.24	10.5	8
9	0.980B	0.440B	0.320B	9.10	0.742	0.987	0.122	0.296	0.199	1.08	2.56	6.73	9
10	0.850B	0.440B	0.310B	7.59	0.881	0.805	0.109	0.235	0.207	0.925	2.05	5.04	10
11	0.770B	0.435B	0.400B	12.9	0.861	0.674	0.131	0.213	0.176	0.852	3.27	3.95	11
12	0.700B	0.425B	0.900B	17.4	0.981	0.521	0.142	0.160	0.149	0.754	23.4	2.88B	12
13	0.660B	0.420B	5.00 B	36.1	0.792	0.447	0.130	0.134	0.144	0.678	29.7	2.22B	13
14	0.630B	0.430B	9.00 B	26.1	0.643	0.404	0.142	0.122	0.122	0.671	14.1	2.22B	14
15	0.600B	0.445B	14.0 B	20.6	0.539	0.410	0.089	0.102	0.135	0.771	8.59	2.02	15
16	0.565B	0.455B	17.0 B	18.7	0.484	0.561	0.093	0.106	0.169	0.886	5.89	17.5	16
17	0.540B	0.455B	19.0 B	33.4	0.465	0.561	0.244	0.095	0.142	0.845	4.37	13.8	17
18	0.520B	0.445B	26.0 B	17.5	0.445	0.506	0.737	0.096	0.633	0.806	4.36	6.54B	18
19	0.500B	0.440B	24.5 B	8.31	0.400	2.28	4.28	0.101	0.767	0.800	4.39	4.51	19
20	0.485B	0.420B	23.5 B	9.06	0.410	6.68	1.97	0.125	0.600	0.889	5.77	3.43	20
21	0.485B	0.410B	23.5 B	13.9	0.390	5.58	0.738	0.109	0.438	0.960	36.0	2.56	21
22	0.490B	0.400B	24.0 B	7.02	0.430	4.38	0.390	0.099	0.415	0.930	32.6	2.00	22
23	0.510B	0.385B	27.5 B	4.81	0.394	2.36	0.297	0.111	2.46	0.855	17.6	2.35	23
24	0.535B	0.375B	34.7 B	3.70	0.372	1.39	0.204	0.095	3.54	0.764	34.0	40.8	24
25	0.540B	0.365B	27.5 B	2.80	0.282	1.08	0.139	14.9	8.11	0.676	17.8	99.5	25
26	0.535B	0.355B	24.0 B	2.35	0.257	0.969	0.120	15.7	11.6	0.628	9.48	56.6	26
27	0.530B	0.348B	20.5 B	2.09	0.259	0.745	0.138	5.96	11.7	0.573	6.02	24.0	27
28	0.520B	0.340B	18.5 B	1.68	0.912	0.614	1.84	3.02	19.6	0.536	4.91	23.0	28
29	0.510B		18.0 B	1.42	0.873	0.655	2.29	1.62	9.49	0.509	22.8	16.5	29
30	0.500B		30.0 B	1.25	0.723	0.827	0.957	1.06	5.46	0.509	33.5	7.80	30
31	0.490B		165		0.581		0.594	0.771		0.468		4.85B	31
TOTAL	29.195	11.873	555.741	619.28	20.350	40.507	18.462	49.179	79.565	31.446	368.852	514.88	TOTAL
MEAN	0.942	0.424	17.9	20.6	0.656	1.35	0.596	1.59	2.65	1.01	12.3	16.6	MEAN
MAX	4.40	0.480	165	132	1.15	6.68	4.28	15.7	19.6	3.79	36.0	99.5	MAX
MIN	0.485	0.340	0.310	1.25	0.257	0.404	0.089	0.095	0.122	0.468	0.542	2.00	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.41
MAXIMUM DAILY, 165 ON MAR 31
MINIMUM DAILY, 0.089 ON JUL 15
MAXIMUM INSTANTANEOUS,
201 AT 21:44 EST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 27 00 N
LONG 81 12 20 W
DRAINAGE AREA, 319 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 520	JUL	1 600
FEB	1 030	AUG	4 350
MAR	48 000	SEP	6 870
APR	53 500	OCT	2 720
MAY	1 760	NOV	31 900
JUN	3 500	DEC	44 500

TOTAL DISCHARGE, 202 000 dam³

NORTH THAMES RIVER NEAR THORNDALE - STATION NO. 02GD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.20B	3.40B	2.75B	403	5.72	7.02	8.78	3.14	4.62	18.9	4.84	63.2	1
2	5.10B	3.35B	2.73B	183	5.29	6.79	6.91	3.40	5.57	15.3	8.94	42.8	2
3	7.00B	3.32B	2.72B	175	8.35	4.78	4.35	3.86	7.25	13.0	35.1	32.8	3
4	10.0 B	3.32B	2.72B	127	7.02	3.97	3.84	3.35	6.52	11.7	37.2	73.7	4
5	15.0 B	3.33B	2.75B	62.5	6.35	3.95	3.60	3.16	5.67	10.4	29.8	79.4	5
6	16.0 B	3.35B	2.78B	58.6	5.22	6.73	3.28	2.97	5.12	10.0	19.9	116	6
7	12.0 B	3.36B	2.78B	47.1	4.97	7.37	3.09	2.82	4.81	10.1	14.9	83.9	7
8	9.60B	3.25B	2.78B	43.3	5.01	6.92	2.87	2.86	4.60	10.9	12.6	53.4	8
9	7.80B	3.15B	2.63B	57.2	4.95	5.83	2.62	3.09	4.33	10.5	11.2	39.8	9
10	7.00B	3.05B	2.60B	71.3	4.30	4.99	2.44	2.73	4.18	9.97	12.5	30.9	10
11	6.30B	3.00B	2.60B	57.2	4.16	4.27	2.49	2.51	4.03	10.0	11.9	26.2	11
12	5.60B	3.00B	5.00B	54.5	4.15	3.70	2.49	2.35	3.93	9.94	67.3	20.7B	12
13	5.10B	3.00B	23.0 B	89.9	3.68	3.30	3.07	2.25	3.78	9.37	95.4	18.5B	13
14	4.70B	3.02B	50.0 B	102	3.49	2.99	3.10	2.13	4.22	8.66	62.3	19.1	14
15	4.40B	3.05B	40.0 B	78.0	3.35	3.03	3.03	2.06	7.50	5.38	42.2	16.3	15
16	4.20B	3.10B	66.0 B	67.7	3.36	9.29	2.29	1.99	5.34	5.48	29.8	50.7	16
17	4.00B	3.15B	72.0 B	93.3	3.46	6.21	2.33	1.88	4.88	5.27	25.0	63.3	17
18	3.85B	3.18B	77.0 B	70.3	3.41	4.66	3.88	1.80	5.25	5.12	22.5	32.9	18
19	3.80B	3.18B	84.5	44.1	3.38	5.45	4.89	1.77	5.89	5.02	22.0	23.0	19
20	3.80B	3.15B	80.5	33.8	3.83	12.2	6.64	1.93	5.46	5.04	24.1	17.9	20
21	3.80B	3.10B	97.2	50.3	3.48	13.0	4.73	2.23	5.18	5.23	29.7	14.9	21
22	3.85B	3.10B	92.6	34.3	3.20	12.8	3.46	2.06	5.11	5.11	105	12.9	22
23	3.90B	3.08B	105	23.9	3.62	9.52	2.80	2.07	13.6	4.94	65.3	12.5	23
24	3.95B	3.05B	127	19.3	3.26	7.40	2.82	2.81	20.8	4.69	104	70.9	24
25	3.95B	3.00B	138	16.2	2.99	6.17	2.27	9.13	18.9	4.41	76.9	266	25
26	3.95B	2.95B	104	14.9	2.87	5.97	2.13	25.9	29.7	4.27	48.9	219	26
27	3.92B	2.90B	72.8	16.0	2.76	5.56	2.06	15.5	32.5	4.28	35.4	90.9	27
28	3.85B	2.83B	58.5	12.1	18.5	4.97	2.86	10.3	61.7	4.11	28.6	76.4	28
29	3.78B		52.8	11.0	13.9	10.5	4.56	7.44	43.6	4.00	55.3	68.2	29
30	3.60B		86.1	10.2	9.77	10.4	4.76	6.03	25.6	3.93	89.8	43.0	30
31	3.50B		458		8.08		3.69	5.26		3.80		36.8	31
TOTAL	180.42	87.72	1 947.84	2 127.0	173.88	198.94	111.73	139.98	359.36	238.82	1 277.58	1 816.2	TOTAL
MEAN	5.82	3.13	62.8	70.9	5.61	6.63	3.60	4.52	12.0	7.70	42.6	58.6	MEAN
MAX	16.0	3.40	458	403	18.5	13.0	8.78	25.9	61.7	18.9	105	266	MAX
MIN	3.20	2.83	2.60	10.2	2.76	2.99	2.06	1.77	3.78	3.80	4.84	12.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.7
MAXIMUM DAILY, 458 ON MAR 31
MINIMUM DAILY, 1.77 ON AUG 19
MAXIMUM INSTANTANEOUS,
576 AT 00:57 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 57 N
LONG 81 11 30 W
DRAINAGE AREA, 1 340 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 600	JUL	9 650
FEB	7 580	AUG	12 100
MAR	168 000	SEP	31 000
APR	184 000	OCT	20 600
MAY	15 000	NOV	110 000
JUN	17 200	DEC	157 000

TOTAL DISCHARGE, 748 000 dam³

NORTH WEST GANARASKA RIVER NEAR OSACA - STATION NO. 02HD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.580B	0.225B	0.240B	5.20	0.441	0.417	0.307	0.281	0.271	0.296	0.327	0.437	1
2	0.680B	0.230B	0.235B	1.52	0.440	0.385	0.311	0.287	0.327	0.301	0.594	0.407	2
3	0.711	0.250B	0.230B	0.45	0.435	0.361	0.292	0.289	0.309	0.298	0.900	0.461	3
4	0.824	0.248B	0.265B	0.255	0.439	0.324	0.282	0.305	0.281	0.277	1.30	0.658	4
5	0.660B	0.230B	0.255B	0.740B	0.408	0.434	0.285	0.307	0.276	0.274	0.753	0.555	5
6	0.583B	0.225B	0.250B	0.660B	0.417	0.974	0.286	0.264	0.278	0.274	0.474	0.918	6
7	0.415B	0.222B	0.245B	0.650B	0.398	0.618	0.273	0.259	0.283	0.358	0.412	0.549	7
8	0.370B	0.220B	0.243B	0.700B	0.612	0.426	0.278	0.266	0.263	0.500	0.369	0.405	8
9	0.330B	0.220B	0.240B	0.855	0.567	0.358	0.262	0.269	0.257	0.305	0.335	0.380B	9
10	0.305B	0.219B	0.240B	1.06	0.429	0.688	0.267	0.249	0.260	0.288	0.330	0.360B	10
11	0.290B	0.218B	0.275B	1.09	0.408	1.01	0.269	0.245	0.245	0.578	0.359	0.345B	11
12	0.280B	0.218B	0.320B	1.01	0.370	0.477	0.272	0.238	0.247	0.413	0.523	0.340B	12
13	0.270B	0.218B	0.723B	1.67	0.359	0.430	0.269	0.249	0.256	0.317	0.452	0.335B	13
14	0.260B	0.220B	1.13	1.35	0.377	0.407	0.259	0.260	0.270	0.315	0.387	0.355B	14
15	0.255B	0.235B	0.966	1.17	0.355	0.463	0.264	0.253	0.294	0.410	0.360	0.380B	15
16	0.253B	0.250B	0.748	1.27	0.336	0.934	0.294	0.251	0.268	0.340	0.339	0.868	16
17	0.250B	0.240B	0.746	1.83	0.330	0.499	0.326	0.247	0.258	0.322	0.343	0.660B	17
18	0.250B	0.250B	0.702	1.35	0.327	0.396	0.610	0.240	0.437	0.303	0.327	0.520B	18
19	0.250B	0.260B	0.669	0.918	0.486	0.470	1.20	0.244	0.307	0.309	0.334	0.365B	19
20	0.247B	0.280B	0.765	1.79	0.978	0.507	0.378	0.255	0.290	0.345	0.364	0.350B	20
21	0.245B	0.300B	0.882	1.61	0.467	0.456	0.310	0.245	0.287	0.350	0.741	0.345B	21
22	0.240B	0.300B	0.901	0.821	0.409	0.639	0.302	0.276	0.336	0.294	0.658	0.340B	22
23	0.270B	0.290B	1.07	0.744	0.451	0.410	0.281	0.298	0.401	0.287	0.507	0.350B	23
24	0.255B	0.285B	1.10	0.759	0.506	0.354	0.277	0.272	0.381	0.297	0.755	0.600B	24
25	0.245B	0.280B	1.09	0.708	0.466	0.370	0.270	0.689	0.423	0.290	0.479	1.10 B	25
26	0.240B	0.275B	0.800B	0.662	0.415	0.607	0.270	0.364	0.333	0.293	0.438	1.00 B	26
27	0.235B	0.265B	0.710B	0.608	0.371	0.410	0.281	0.306	0.552	0.281	0.381	0.605	27
28	0.232B	0.255B	0.600B	0.539	0.433	0.399	0.582	0.282	0.482	0.284	0.380	0.861	28
29	0.230B		0.611B	0.510	0.543	0.403	0.368	0.279	0.335	0.288	0.592	0.650B	29
30	0.228B		0.780	0.495	0.845	0.359	0.296	0.268	0.312	0.292	0.542	0.480B	30
31	0.228B		8.82		0.411		0.284	0.274		0.293		0.410B	31
TOTAL	10.712	6.920	26.931	40.994	14.028	14.975	10.417	8.811	9.509	10.080	15.956	16.429	TOTAL
MEAN	0.346	0.247	0.869	1.37	0.453	0.499	0.336	0.284	0.317	0.325	0.502	0.530	MEAN
MAX	0.824	0.300	8.82	8.45	0.978	1.01	1.20	0.689	0.552	0.578	1.30	1.10	MAX
MIN	0.228	0.218	0.230	0.255	0.327	0.324	0.259	0.238	0.245	0.274	0.327	0.335	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.506
MAXIMUM DAILY, 8.82 ON MAR 31
MINIMUM DAILY, 0.2188 ON FEB 11
MAXIMUM INSTANTANEOUS,
26.4 AT 19:47 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 01 04 N
LONG 78 26 33 W
DRAINAGE AREA, 42.7 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	926	JUL	900
FEB	598	AUG	761
MAR	2 330	SEP	822
APR	3 540	OCT	971
MAY	1 210	NOV	1 300
JUN	1 290	DEC	1 420

TOTAL DISCHARGE, 16 000 dam³

NORTHWEST TRIBUTARY TO LAKE 239 NEAR KENORA - STATION NO. 05PD022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.001A	0.006	0.005	0	0.001E	0.001	0.010	---	---	1
2	---	---	---	0.001E	0.005	0.005	0.003	0.002E	0.001	0.016	---	---	2
3	---	---	---	0 E	0.005	0.004	0.070E	0.002A	0.001	0.018	---	---	3
4	---	---	---	0 E	0.006	0.003	0.032	0.001	0	0.013	---	---	4
5	---	---	---	0 E	0.008	0.002	0.023	0.001	0	0.010	---	---	5
6	---	---	---	0 E	0.006	0.002	0.024	0.001	0	0.009	---	---	6
7	---	---	---	0 A	0.006	0.005	0.013	0	0	0.058	---	---	7
8	---	---	---	0	0.005	0.004	0.008	0.001	0	0.026	---	---	8
9	---	---	---	0	0.004	0.006	0.006	0.001	0	0.016	---	---	9
10	---	---	---	0	0.004	0.016	0.005	0.001	0	0.029	---	---	10
11	---	---	---	0	0.004	0.011	0.004	0	0	0.038	---	---	11
12	---	---	---	0	0.004	0.007	0.003	0	0	0.019	---	---	12
13	---	---	---	0.001	0.003	0.005	0.003	0.001	0	0.013	---	---	13
14	---	---	---	0.003	0.003	0.005	0.002	0	0	0.010	---	---	14
15	---	---	---	0.078E	0.004	0.004	0.002	0	0	0.008	---	---	15
16	---	---	---	0.132E	0.005	0.003	0.002	0	0	0.007	---	---	16
17	---	---	---	0.054	0.006	0.003	0.008	0	0	0.006	---	---	17
18	---	---	---	0.031	0.019	0.002	0.007	0	0	0.006	---	---	18
19	---	---	---	0.033	0.022	0.002	0.005	0	0	0.005	---	---	19
20	---	---	---	0.030	0.013	0.002	0.003	0	0	0.004	---	---	20
21	---	---	---	0.028	0.008	0.002	0.003	0	0	0.004	---	---	21
22	---	---	---	0.035	0.006	0.001	0.002	0	0	0.004	---	---	22
23	---	---	---	0.032	0.004	0.001	0.002	0	0.002	0.003	---	---	23
24	---	---	---	0.025	0.004	0.001	0.005	0	0.002	0.003	---	---	24
25	---	---	---	0.019	0.003	0.001	0.004	0	0.001	0.003	---	---	25
26	---	---	---	0.014	0.002	0.001	0.003	0	0.001	0.003	---	---	26
27	---	---	---	0.011	0.002	0	0.002	0	0.002	0.003	---	---	27
28	---	---	---	0.009	0.002	0	0.002A	0	0.026	0.003	---	---	28
29	---		---	0.007	0.002	0	0.002A	0	0.025	0.003	---	---	29
30	---		---	0.006	0.002	0	0.001E	0	0.015	0.003	---	---	30
31	---		---		0.004		0.001E	0		0.002	---	---	31
TOTAL	---	---	---	0.550	0.177	0.103	0.254	0.012	0.077	0.347	---	---	TOTAL
MEAN	---	---	---	0.018	0.006	0.003	0.008	0	0.003	0.011	---	---	MEAN
MAX	---	---	---	0.132	0.022	0.016	0.070	0.002	0.026	0.058	---	---	MAX
MIN	---	---	---	0	0.002	0	0	0	0	0.002	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.007
MAXIMUM DAILY, 0.132E ON APR 16
MINIMUM DAILY, 0E ON APR 3

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 00 N
LONG 93 43 36 W
DRAINAGE AREA, 0.65 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	21.9
FEB	---	AUG	1.04
MAR	---	SEP	6.65
APR	47.5	OCT	30.0
MAY	15.3	NOV	---
JUN	8.90	DEC	---

TOTAL DISCHARGE, 131 dam³

MOTTAWASAGA RIVER NEAR BAXTER - STATION NO. 02ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.00B	5.00B	4.89B	142	11.1	7.65	7.65	5.73	3.99	7.18	6.21	29.6	1
2	7.60B	5.25B	4.87B	98.1	10.5	7.40	6.61	5.69	4.00	6.43	23.2	22.0	2
3	8.20B	5.60B	4.86B	81.9	9.92	6.68	5.96	7.08	4.03	5.86	27.8	19.5	3
4	9.20B	5.50B	4.85B	75.6	9.60	5.94	5.65	7.10	3.94	5.51	26.6	21.0	4
5	10.2 B	5.55B	4.85B	50.6	9.18	5.82	5.37	7.23	3.78	5.10	31.1	21.5	5
6	12.0 B	5.45B	4.84B	43.4	8.83	9.72	5.10	6.11	3.54	4.87	23.6	53.8	6
7	10.8 B	5.42B	4.83B	32.7	8.66	12.1	4.88	5.25	3.56	4.86	18.2	63.0	7
8	9.50B	5.40B	4.82B	24.2	8.99	9.71	4.66	4.78	3.79	5.30	14.8	31.1	8
9	8.80B	5.35B	4.81B	19.7	10.1	8.06	4.42	4.96	3.60	5.26	12.9	20.0B	9
10	8.00B	5.30B	4.80B	19.5	8.96	7.00	4.05	4.88	3.52	4.95	11.3	13.5B	10
11	7.20B	5.25B	5.10B	19.5	8.18	6.66	4.22	4.81	3.38	4.95	10.3	12.0B	11
12	6.20B	5.20B	6.40B	19.0	7.59	6.10	4.96	4.08	3.28	5.17	10.9	11.0B	12
13	5.70B	5.18B	9.00B	23.3	6.92	6.00	4.65	3.93	3.27	5.02	13.7	10.5B	13
14	5.40B	5.17B	12.0 B	27.0	6.99	5.76	4.35	3.83	7.17	4.72	13.2	12.0B	14
15	5.19B	5.15B	14.0 B	25.4	6.67	7.91	4.12	3.70	14.3	5.11	11.5	17.0B	15
16	5.10B	5.14B	20.0 B	27.9	6.49	15.6	4.08	3.51	10.2	9.58	10.2	24.6	16
17	5.00B	5.13B	30.0 B	49.8	6.44	14.9	4.13	3.32	6.70	17.6	9.51	26.0B	17
18	4.93B	5.12B	35.0 B	59.3	6.29	10.3	8.88	3.17	9.04	15.6	9.24	19.0B	18
19	4.86B	5.11B	37.0 B	35.0	6.01	10.5	49.1	3.11	10.8	12.5	9.02	16.0B	19
20	4.80B	5.10B	41.0 B	25.2	7.16	17.2	20.4	4.10	7.37	9.67	9.24	14.5B	20
21	4.78B	5.09B	52.0 B	35.9	7.13	18.4	11.1	5.16	6.00	8.70	12.6	13.5B	21
22	4.74B	5.07B	58.0 B	28.8	6.48	24.9	7.80	4.32	5.42	7.78	20.0	12.5B	22
23	4.70B	5.05B	56.0 B	18.3	6.33	27.7	6.34	4.27	5.03	6.93	16.9	12.1	23
24	4.66B	5.03B	66.4 B	16.5	6.82	16.7	5.54	4.32	6.18	6.38	30.4	22.0	24
25	4.63B	5.00B	66.1	15.4	6.61	11.8	5.15	6.42	6.24	6.00	28.6	60.7	25
26	4.62B	4.98B	53.0	14.6	6.53	13.9	4.84	18.7	6.57	5.82	19.1	69.3	26
27	4.60B	4.97B	37.4	14.8	6.88	13.0	4.81	7.64	7.48	5.62	14.8	50.1	27
28	4.60B	4.96B	31.3	14.3	6.38	11.4	8.56	5.90	13.2	5.49	12.4	39.0	28
29	4.60B		28.5	12.8	9.79	12.2	9.66	4.82	11.2	5.50	19.8	36.1	29
30	4.60B		37.6	11.7	9.16	9.57	7.11	4.35	8.49	5.41	36.4	25.0B	30
31	4.80B		128		8.84		6.25	3.96		5.29		26.0B	31
TOTAL	198.01	145.60	856.22	1 078.2	243.93	343.58	200.40	157.83	189.39	210.16	511.52	815.1	TOTAL
MEAN	6.39	5.20	27.6	35.9	7.87	11.5	7.75	5.09	6.31	6.91	17.1	26.3	MEAN
MAX	12.0	5.60	128	142	11.1	27.7	49.1	10.7	14.3	17.6	36.4	69.3	MAX
MIN	4.60	4.96	4.80	11.7	6.01	5.82	4.05	3.11	3.27	4.72	6.21	10.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.7
MAXIMUM DAILY, 142 ON APR 1
MINIMUM DAILY, 3.11 ON AUG 19
MAXIMUM INSTANTANEOUS,
164 AT 20:04 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 30 59 N
LONG 79 40 20 W
DRAINAGE AREA, 1 180 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 100	JUL	20 000
FEB	12 600	AUG	13 600
MAR	74 000	SEP	16 600
APR	93 200	OCT	18 500
MAY	21 100	NOV	44 200
JUN	29 700	DEC	70 400

TOTAL DISCHARGE, 432 000 dam³

O.A.C. FARM GAUGE NO. 5 AT GUELPH - STATION NO. 02GA032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.010	0.001	0.004	0.174	0.011	0.031	0.010	0.005	0.106	0.010	0.017	0.036	1
2	0.009	0.002	0.004	0.084	0.009	0.017	0.008	0.006	0.060	0.010	0.116	0.029	2
3	0.008	0.003	0.004	0.338	0.009	0.014	0.007	0.007	0.016	0.009	0.110	0.061	3
4	0.242	0.003	0.004	0.074	0.010	0.013	0.007	0.486	0.008	0.010	0.143	0.266	4
5	0.039	0.003	0.006	0.059	0.010	0.042	0.007	0.010	0.005	0.011	0.035	0.629	5
6	0.023	0.002	0.006	0.054	0.010	0.036	0.008	0.009	0.005	0.010	0.016	0.236	6
7	0.019	0.001	0.005	0.035	0.011	0.016	0.008	0.007	0.007	0.128	0.014	0.055	7
8	0.014	0.002	0.004	0.034	0.020	0.011	0.007	0.010	0.007	0.021	0.012	0.035	8
9	0.011	0.003	0.004	0.038	0.011	0.011	0.800	0.008	0.007	0.011	0.012	0.027	9
10	0.008	0.003	0.005	0.041	0.011	0.009	0.007	0.009	0.007	0.009	0.011	0.023	10
11	0.006	0.003	0.011	0.045	0.012	0.006	0.006	0.009	0.006	0.016	0.083	0.020	11
12	0.005	0.003	0.014	0.048	0.011	0.004	0.005	0.010	0.005	0.012	0.170	0.019	12
13	0.004	0.002	0.350	0.093	0.011	0.003	0.005	0.011	0.006	0.012	0.027	0.016	13
14	0.004	0.002	0.258	0.049	0.011	0.002	0.005	0.008	0.054	0.011	0.018	0.014	14
15	0.006	0.003	0.140	0.042	0.010	0.017	0.005	0.006	0.027	0.012	0.017	0.042	15
16	0.005	0.004	0.089	0.068	0.009	0.007	0.005	0.008	0.010	0.009	0.014	0.314	16
17	0.004	0.005	0.083	0.120	0.009	0.001	0.049	0.010	0.011	0.007	0.014	0.032	17
18	0.004	0.005	0.066	0.044	0.009	0.007	0.013	0.010	0.121	0.008	0.014	0.022	18
19	0.003	0.004	0.064	0.032	0.009	0.136	0.011	0.010	0.008	0.009	0.014	0.020	19
20	0.003	0.004	0.065	0.157	0.010A	0.014	0.007	0.011	0.009	0.013	0.022	0.019	20
21	0.003	0.004	0.071	0.052	0.007E	0.135	0.007	0.009	0.010	0.010	0.267	0.018	21
22	0.003	0.004	0.116	0.031	0.011E	0.014	0.006	0.005	0.070	0.009	0.034	0.016	22
23	0.003	0.003	0.262	0.024	0.009E	0.012	0.005	0.008	0.241	0.007	0.190	0.016	23
24	0.002	0.004	0.303	0.020	0.007E	0.010	0.005	0.008	0.036	0.006	0.149	0.339	24
25	0.002	0.004	0.172	0.017	0.007E	0.009	0.005	0.503	0.223	0.006	0.031	0.634	25
26	0.003	0.004	0.093	0.015	0.007E	0.010	0.005	0.010	0.018	0.007	0.025	0.118	26
27	0.003	0.004	0.048	0.014	0.060E	0.006	0.006	0.008	0.106	0.007	0.021	0.048	27
28	0.003	0.004	0.035	0.013	0.235A	0.006	0.206	0.007	0.025	0.008	0.026	0.139	28
29	0.003		0.090	0.013	0.021	0.301	0.007	0.004	0.017	0.008	0.236	0.043	29
30	0.002		0.489	0.012	0.017	0.012	0.007	0.006	0.015	0.007	0.057	0.027	30
31	0.002		1.01		0.016		0.006	0.007		0.006		0.021	31
TOTAL	0.456	0.089	3.875	1.840	0.610	0.912	0.453	1.225	1.266	0.423	1.905	3.332	TOTAL
MEAN	0.015	0.003	0.125	0.061	0.020	0.030	0.015	0.040	0.042	0.014	0.064	0.107	MEAN
MAX	0.242	0.005	1.01	0.338	0.235	0.301	0.206	0.503	0.241	0.128	0.267	0.634	MAX
MIN	0.002	0.001	0.004	0.012	0.007	0.001	0.005	0.004	0.005	0.006	0.011	0.014	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.845
MAXIMUM DAILY, 1.01 ON MAR 31
MINIMUM DAILY, 0.001 ON FEB 1
MAXIMUM INSTANTANEOUS,
4.24 AT 20:31 EST ON DEC 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 31 53 N
LONG 80 19 18 W
DRAINAGE AREA, 2.51 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	39.4	JUL	39.1
FEB	7.69	AUG	106
MAR	335	SEP	108
APR	159	OCT	36.5
MAY	52.7	NOV	165
JUN	78.8	DEC	288

TOTAL DISCHARGE, 1 420 dam³

OAKVILLE CREEK AT MILTON - STATION NO. 02HB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.680B	0.390B	0.478	7.46	1.22	1.14	1.09	0.438	0.554	0.578	0.736	1.90	1
2	0.679	0.380B	0.464	11.8	1.20	0.948	0.951	1.54	0.820	0.779	1.29	1.98	2
3	0.727	0.375B	0.460B	13.6	1.08	0.838	0.899	0.643	0.562	0.758	1.65	2.17	3
4	3.83	0.370B	0.458B	10.3	0.948	0.803	0.857	1.18	0.427	0.758	3.65	3.39	4
5	1.43	0.365B	0.455B	8.83	0.982	1.79	0.827	0.533	0.408	0.697	1.85	3.41	5
6	1.13	0.360B	0.450B	7.51	0.971	4.72	0.803	0.493	0.403	0.631	1.34	3.70	6
7	0.979	0.350B	0.480	5.87	0.911	2.95	0.763	0.486	0.395	2.46	1.23	2.16	7
8	0.780	0.345B	0.520B	5.00	1.16	1.82	0.708	0.541	0.408	1.34	1.17	2.17	8
9	0.741	0.340B	0.560B	4.18	0.941	1.45	0.695	0.558	0.383	0.796	1.15	2.21	9
10	0.710B	0.330B	0.580B	4.15	0.915	1.24	0.727	0.453	0.457	0.756	1.15	2.19	10
11	0.680B	0.326B	1.00	4.29	0.903	1.15	0.681	0.431	0.678	1.23	1.35	2.13	11
12	0.660B	0.320B	1.26	4.28	0.927	1.05	0.583	0.421	0.658	0.960	1.49	2.06	12
13	0.640B	0.330B	6.98	4.78	0.943	1.06	0.465	0.426	0.505	0.985	1.27	1.99	13
14	0.632B	0.380B	7.23	4.35	0.939	0.887	0.451	0.440	0.827	0.958	1.14	1.76	14
15	0.600B	0.470B	4.93	4.15	0.908	0.953	0.456	0.438	0.552	1.02	1.10	1.36	15
16	0.580B	0.524	4.10	8.16	0.901	1.00	0.441	0.421	0.395	1.17	1.09	4.01	16
17	0.570B	0.581	4.18	5.17	0.821	0.921	0.550	0.433	0.373	1.13	1.05	1.98	17
18	0.550B	0.593	2.86	4.31	0.726	0.894	0.527	0.431	0.578	1.00	1.03	1.28	18
19	0.540B	0.606	3.18	4.17	1.12	1.12	0.522	0.433	0.393	0.915	1.01	1.17	19
20	0.520B	0.561	3.20	5.01	1.32	1.06	0 473	0.470	0.387	0.957	1.05	1.18	20
21	0.500B	0.581	2.53	4.22	1.04	1.50	0.446	0.444	0.517	0.901	1.71	1.39	21
22	0.490B	0.569	3.69	3.32	0.953	1.31	0.436	0.431	0.907	0.884	1.45	1.37	22
23	0.480B	0.544	4.43	2.79	1.00	1.30	0.436	0.475	1.66	0.643	1.97	1.74	23
24	0.460B	0.529	4.58	1.77	0.920	1.13	0.439	0.443	0.985	0.652	3.19	7.21	24
25	0.450B	0.510B	3.61	1.77	0.877	0.968	0.453	3.05	1.26	0.629	1.90	9.24	25
26	0.440B	0.500B	3.10	1.75	0.854	0.980	0.431	0.933	1.01	0.642	1.84	5.87	26
27	0.430B	0.497	2.55	1.75	0.853	0.932	0.438	0.735	3.38	0.641	1.78	5.02	27
28	0.420B	0.481	2.46	1.56	1.00	0.917	0.624	0.705	1.50	0.652	1.97	4.94	28
29	0.410B		3.14	1.25	0.965	5.43	0.453	0.668	0.723	0.657	3.66	3.25	29
30	0.405B		3.57	1.23	1.02	1.44	0.462	0.672	0.437	0.592	2.29	2.71	30
31	0.400B		10.8		0.982		0.455	0.469		0.628		2.19	31
TOTAL	22.543	12.507	88.285	144.78	30.380	43.701	18.542	20.234	22.538	27.319	48.556	89.13	TOTAL
MEAN	0.727	0.447	2.85	4.83	0.980	1.46	0.598	0.653	0.751	0.881	1.62	2.88	MEAN
MAX	3.83	0.606	10.8	13.6	1.32	5.43	1.09	3.05	3.38	2.46	3.66	9.24	MAX
MIN	0.400	0.320	0.450	1.23	0.726	0.803	0.431	0.421	0.373	0.578	0.736	1.17	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.56
MAXIMUM DAILY, 13.6 ON APR 3
MINIMUM DAILY, 0.320B ON FEB 12
MAXIMUM INSTANTANEOUS,
17.9 AT 11:25 EST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 30 19 N
LONG 79 51 48 W
DRAINAGE AREA, 95.6 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 950	JUL	1 600
FEB	1 080	AUG	1 750
MAR	7 630	SEP	1 950
APR	12 500	OCT	2 360
MAY	2 620	NOV	4 200
JUN	3 780	DEC	7 700

TOTAL DISCHARGE, 49 100 dam³

OGOKI RIVER ABOVE WHITECLAY LAKE - STATION NO. 04GB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.5	30.6	29.7	29.8	33.8	173	141	91.9	72.9	75.2	117	122	1
2	30.5	30.5	29.7	29.9	35.1	174	138	91.3	73.1	74.8	117	122	2
3	30.7	30.3	29.7	30.0	36.5	176	135	90.6	73.0	75.4	118	123	3
4	30.7	30.2	29.7	30.5	39.5	174	135	90.3	73.0	75.8	118	125	4
5	30.7	30.2	29.7	30.6	41.4	170	133	90.3	72.1	76.2	118	125	5
6	30.8	30.2	29.7	30.6	44.2	167	132	90.2	70.9	76.1	122	125	6
7	30.8	30.3	29.5	30.5	47.9	166	132	89.1	70.3	76.4	123	124	7
8	30.8	30.3	29.4	30.5	50.6	165	132	90.1	70.3	78.3	123	122	8
9	30.8	30.2	29.4	30.5	53.2	168	127	90.0	69.7	79.5	123	120	9
10	30.4B	30.2	29.5	30.5	57.0	162	125	90.8	68.7	80.0	123	121	10
11	30.4B	30.2	29.5	30.5	61.7	163	122	90.7	68.1	81.2	123	120	11
12	30.4B	30.1	29.5	30.5	65.5	160	120	90.1	68.3	83.0	123	120	12
13	30.4B	30.0	29.4	30.5	69.0	157	119	89.6	68.6	85.0	121	119	13
14	30.8	29.9	29.5	30.5	74.3	155	116	88.9	69.3	88.9	121	117	14
15	30.7	29.9	29.5	30.5	79.7	153	115	88.8	70.4	90.6	121	116	15
16	30.7	29.7	29.5	30.4	85.0	153	113	88.3	72.3	91.1	121	112	16
17	30.7	29.7	29.5	30.4	91.3	150	113	86.4	72.9	91.7	120	111	17
18	30.7	29.7	29.6	30.4	98.9	150	111	85.8	73.5	94.9	121	111	18
19	30.8	29.8	29.7	30.5	106	149	108	86.3	71.5	95.1	121	111	19
20	30.8	29.7	29.7	30.5	116	147	107	85.4	71.6	95.1	120	111	20
21	30.7	29.6	29.7	30.5	129	146	106	83.8	73.7	98.4	122	110	21
22	30.7	29.7	29.7	30.5	136	146	103	83.5	75.3	100	120	109	22
23	30.6	29.7	29.8	30.5	144	146	102	82.2	74.3	101	118	107	23
24	30.7	29.7	29.8	30.6	152	146	103	81.9	71.8	102	119	107	24
25	30.7	29.7	29.8	31.0	161	147	102	81.0	73.6	103	120	107	25
26	30.7	29.7	29.8	31.4	164	148	99.7	80.9	75.1	104	120	106	26
27	30.8	29.7	29.7	31.6	168	148	98.4	80.2	71.9	104	120	106	27
28	30.6	29.7	29.7	32.0	171	146	97.7	78.3	71.4	105	121	103	28
29	30.6		29.6	33.7	173	144	97.1	76.2	74.2	107	122	101	29
30	30.7		29.6	33.1	173	142	95.6	75.7	76.4	114	121	101	30
31	30.6		29.6		172		95.4	73.0		116		98.4	31
TOTAL	950.5	839.2	918.2	922.0	3 028.6	4 683	3 573.9	2 661.4	2 157.2	2 817.9	3 617	3 528.4	TOTAL
MEAN	30.7	30.0	29.6	30.7	97.7	156	115	85.9	71.9	90.9	121	114	MEAN
MAX	30.8	30.6	29.8	33.1	173	176	141	91.9	76.4	116	123	125	MAX
MIN	30.4	29.6	29.4	29.8	33.8	142	95.4	73.0	68.1	74.8	117	98.4	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 81.4
MAXIMUM DAILY, 176 ON JUN 3
MINIMUM DAILY, 29.4 ON MAR 8
MAXIMUM INSTANTANEOUS,
197 AT 11:57 EST ON MAY 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 00 N
LONG 88 55 50 W
DRAINAGE AREA, 11 200 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	82 100	JUL	309 000
FEB	72 500	AUG	230 000
MAR	79 300	SEP	186 000
APR	79 700	OCT	243 000
MAY	262 000	NOV	313 000
JUN	405 000	DEC	305 000

TOTAL DISCHARGE, 2 570 000 dam³

OGOKI RIVER AT WABOOSE FALLS DAM - STATION NO. 04GB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0		0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON JAN 1
MINIMUM DAILY, 0 ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 20 N
LONG 87 59 40 W
DRAINAGE AREA, 13 600 km²

REGULATED SINCE 1943

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 0 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REMARKS - STATION FORMERLY CALLED "OGOKI RIVER AT WABOOSE DAM"

OGOKI RIVER DIVERSION TO LAKE NIPIGON - STATION NO. 02AD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.7	20.3	20.3	29.1	36.1	134	171	122	92.1	95.6	110	132	1
2	22.1	20.3	20.3	29.1	38.0	136	168	120	93.8	93.8	112	132	2
3	22.1	20.3	20.3	29.9	39.0	138	166	118	93.8	97.3	114	136	3
4	22.1	20.3	20.3	29.9	41.1	140	166	118	92.1	95.6	118	136	4
5	22.1	20.3	20.3	28.3	43.3	142	164	116	93.1	97.3	118	136	5
6	22.1	20.3	20.9	28.3	45.6	144	164	114	90.4	95.6	120	136	6
7	22.1	20.3	20.3	27.6	48.0	146	164	114	90.4	95.6	118	136	7
8	22.1	20.3	20.3	27.6	49.2	150	164	114	90.4	99.1	120	136	8
9	22.1	20.3	20.9	27.6	50.4	153	162	116	90.4	95.6	120	136	9
10	22.1	20.3	20.9	27.6	52.9	157	159	116	90.4	97.3	120	134	10
11	21.8	19.7	20.9	27.6	55.5	162	157	112	92.1	99.1	122	132	11
12	21.4	19.7	20.9	28.3	56.8	162	155	112	92.1	100	123	129	12
13	21.4	19.7	21.4	29.1	59.5	164	153	110	99.1	100	110	132	13
14	21.8	19.7	22.1	29.1	62.3	168	150	108	99.1	104	116	129	14
15	21.4	19.7	22.1	29.1	65.1	168	148	108	99.1	104	118	129	15
16	22.1	19.7	22.1	29.1	68.1	171	146	106	99.1	103	120	129	16
17	21.8	19.7	22.7	29.9	71.8	171	146	106	99.1	104	120	129	17
18	21.4	19.7	23.3	29.1	75.7	171	144	104	99.1	104	122	127	18
19	21.4	19.7	23.3	29.1	80.5	171	142	104	97.3	104	123	127	19
20	21.4	19.7	24.0	29.1	83.7	171	140	103	99.1	106	127	127	20
21	20.9	19.7	24.0	29.1	88.7	175	140	103	99.1	104	132	125	21
22	20.9	19.7	24.7	29.1	92.1	175	138	101	97.3	104	132	125	22
23	21.4	19.7	24.7	29.1	95.6	173	136	101	95.6	104	132	125	23
24	21.4	19.7	26.1	29.1	99.1	171	136	99.1	93.8	104	132	123	24
25	20.9	19.7	26.8	30.8	104	175	134	99.1	93.8	104	132	123	25
26	20.9	19.7	27.6	31.6	108	173	132	99.1	92.1	104	132	123	26
27	20.9	19.7	27.6	32.5	112	173	130	99.1	92.1	104	132	122	27
28	20.9	19.7	27.6	33.4	116	173	127	97.3	92.1	104	132	122	28
29	20.9		28.3	34.3	120	173	125	93.8	92.1	106	132	118	29
30	20.3		28.3	35.2	123	173	123	93.8	95.6	110	132	116	30
31	20.3		29.1		125		122	92.1		110		116	31
TOTAL	666.0	557.6	722.4	888.7	2 305.3	4 855	4 573	3 319.4	2 834.7	3 148.9	3 691	3 972	TOTAL
MEAN	21.5	19.9	23.3	29.6	74.4	162	148	107	94.5	102	123	128	MEAN
MAX	22.7	20.3	29.1	35.2	125	175	171	122	99.1	110	132	136	MAX
MIN	20.3	19.7	20.3	27.6	36.1	134	122	92.1	90.4	93.8	110	116	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 86.4
MAXIMUM DAILY, 175 ON JUN 21
MINIMUM DAILY, 19.7 ON FEB 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 15 N
LONG 88 12 30 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	57 500	JUL	395 000
FEB	48 200	AUG	287 000
MAR	62 400	SEP	245 000
APR	76 800	OCT	272 000
MAY	199 000	NOV	319 000
JUN	419 000	DEC	343 000

TOTAL DISCHARGE, 2 720 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1943

OWAPING RIVER NEAR LEVACK - STATION NO. 02CP010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.40B	3.50B	2.85B	7.50B	64.3	9.11	3.00	2.56	1.94	10.8	14.1	15.3	1
2	4.40B	3.45B	2.85B	7.80B	60.0	9.53	3.07	2.44	2.98	11.0	13.9	15.3	2
3	4.40B	3.40B	2.85B	8.00B	61.6	8.90	2.94	2.33	3.51	10.6	13.8	18.0	3
4	4.40B	3.40B	2.80B	8.00B	57.1	8.35	2.81	2.26	3.69	10.1	13.5	19.0	4
5	4.90B	3.40B	2.80B	8.00B	52.5	7.82	2.67	2.16	3.72	9.60	13.1	18.8	5
6	4.80B	3.35B	2.80B	7.90B	49.8	7.36	2.56	2.07	4.26	9.37	12.6	24.7	6
7	4.70B	3.30B	2.80B	7.80B	47.2	7.07	2.48	2.02	4.24	11.8	11.9	26.2	7
8	4.60B	3.30B	2.80B	7.70B	43.9	6.74	2.34	1.88	4.14	20.0	11.3	22.5B	8
9	4.50B	3.30B	2.80B	7.80B	39.9	6.37	2.21	1.83	4.08	24.1	10.9	19.5B	9
10	4.40B	3.25B	2.80B	8.00B	36.1	6.07	2.11	1.70	4.05	23.7	10.6	18.5B	10
11	4.30B	3.20B	2.80B	8.20B	33.6	5.80	2.04	1.59	3.95	22.6	10.4	16.5B	11
12	4.26B	3.20B	2.80B	9.50B	31.7	5.46	1.70	1.51	3.82	21.7	13.7	15.0B	12
13	4.20B	3.15B	2.85B	9.10B	29.3	5.17	3.55	1.46	3.68	20.6	21.2	14.3B	13
14	4.15B	3.10B	2.95B	10.2	26.8	4.98	3.26	1.37	5.39	19.7	21.7	14.5B	14
15	4.10B	3.07B	3.05B	11.5	24.7	4.82	3.09	1.29	5.81	19.4	21.0B	14.5B	15
16	4.05B	3.05B	3.80B	13.3	22.9	4.78	3.33	1.24	6.14	18.6	20.1	14.0B	16
17	4.00B	3.05B	4.30B	20.7	20.1	4.56	3.42	1.14	6.35	17.5	19.0	13.1B	17
18	4.00B	3.05B	4.50B	29.8	16.5	4.35	3.70	1.07	7.46	16.4	18.1	12.3B	18
19	3.90B	3.00B	4.50B	33.1	15.8	4.41	3.75	1.15	7.84	15.8	17.1	12.5B	19
20	3.90B	3.00B	4.50B	30.8	14.8	4.44	3.76	1.18	8.48	18.5	17.9	12.5B	20
21	3.80B	3.00B	4.50B	28.0	13.6	4.24	3.60	1.06	9.87	25.1	24.8	12.8B	21
22	3.80B	3.00B	4.00B	26.5	12.7	4.19	3.48	1.37	10.5	25.8	26.8	11.5B	22
23	3.75B	3.00B	4.00B	29.1	11.8	4.12	3.35	1.65	10.7	24.6	25.0	11.9	23
24	3.70B	2.95B	4.00B	39.3	11.1	3.89	3.24	1.65	10.6	23.0	23.2	12.6	24
25	3.70B	2.95B	10.0 B	58.9	10.6	3.85	3.09	1.51	12.3	21.3	21.0	14.0	25
26	3.65B	2.90B	11.0 B	73.6	9.91	3.78	2.97	1.38	13.3	19.7	18.5B	15.4	26
27	3.60B	2.90B	7.60B	66.7	9.35	3.53	2.90	1.89	12.9	18.5	15.2B	15.1	27
28	3.60B	2.90B	6.80B	62.9	8.88	3.35	2.94	1.70	12.2	17.5	15.4B	16.0	28
29	3.55B		6.40B	61.9	8.71	3.21	2.85	1.51	11.5	16.6	15.8B	18.0B	29
30	3.50B		6.20B	63.2	8.50	3.05	2.77	1.44	10.9	16.0	15.9	17.5B	30
31	3.50B		7.00B		8.27		2.68	1.34		15.0		17.0B	31
TOTAL	126.51	88.12	135.70	763.80	866.02	163.30	98.46	50.71	210.30	554.97	587.5	490.0	TOTAL
MEAN	4.08	3.15	4.38	25.5	27.9	5.44	3.05	1.64	7.01	17.9	19.9	16.1	MEAN
MAX	4.90	3.50	11.0	73.6	64.3	9.53	3.76	2.56	13.3	25.8	26.8	26.2	MAX
MIN	3.50	2.90	2.80	7.50	8.27	3.05	2.11	1.06	1.94	9.37	10.4	11.5	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.1
MAXIMUM DAILY, 73.6 ON APR 26
MINIMUM DAILY, 1.06 ON AUG 21
MAXIMUM INSTANTANEOUS,
78.6 AT 08:25 EST ON APR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 36 09 N
LONG 81 22 51 W
DRAINAGE AREA, 1 570 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 900	JUL	8 160
FEB	7 610	AUG	4 380
MAR	11 700	SEP	10 200
APR	66 000	OCT	47 900
MAY	74 800	NOV	43 800
JUN	14 100	DEC	43 000

TOTAL DISCHARGE, 351 000 dam³

REMARKS - DRAINAGE AREA REVISED DEC 1981 TO INCLUDE OWAPING LAKE BASIN. EXTREME HIGH WATER SPILLED INTO OTHERSIDE RIVER SYSTEM

OSHAWA CREEK AT OSHAWA - STATION NO. 02HD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.34	0.540B	0.470B	7.96	0.760E	0.540E	0.530E	0.544	0.559	0.625	0.756	1.02	1
2	1.62 B	0.540B	0.460B	2.05 B	0.710E	0.500E	0.470E	0.564	0.574	0.619	1.15	0.965	2
3	1.20 B	0.570B	0.455B	12.3	0.680E	0.460E	0.455E	0.593	0.586	0.598	1.88	1.00	3
4	3.10 B	0.555B	0.450B	4.42	0.660E	0.490E	0.440E	0.656	0.555	0.603	2.62	1.02	4
5	2.30	0.540B	0.445B	2.53	0.620E	0.690E	0.405E	0.617	0.552	0.576	1.86	1.25	5
6	1.48	0.540B	0.440B	1.83 B	0.640E	1.50 E	0.375E	0.559	0.548	0.594	1.10	2.05	6
7	1.35 B	0.540B	0.438B	2.01 B	0.760E	0.900E	0.390E	0.566	0.530	0.833	0.928	1.23	7
8	0.840B	0.538B	0.434B	1.83 B	1.00 E	0.580E	0.390E	0.641	0.524	0.983	0.861	1.04	8
9	0.680B	0.538B	0.480B	1.35 B	0.900E	1.00 E	0.370E	0.668	0.529	0.723	0.807	0.930B	9
10	0.630B	0.535B	0.520B	1.59	0.700E	3.30 E	0.360E	0.609	0.510	0.644	0.753	0.790B	10
11	0.600B	0.535B	0.550B	1.76	0.620E	3.60 E	0.410E	0.583	0.516	0.744	0.773	0.710B	11
12	0.590B	0.535B	0.700B	1.62	0.600E	1.30 E	0.440E	0.584	0.535	0.731	0.980	0.695B	12
13	0.575B	0.535B	4.50 B	2.76	0.605E	1.00 E	0.547A	0.599	0.540	0.676	0.940	0.690B	13
14	0.570B	0.530B	8.58 B	2.34	0.585E	0.920E	0.530	0.598	0.586	0.665	0.882	0.720B	14
15	0.560B	0.550B	5.95 B	2.05	0.550E	0.940E	0.530	0.577	0.732	0.727	0.769	0.780B	15
16	0.555B	0.540B	3.90 B	2.15	0.540E	2.30 E	0.557	0.552	0.635	0.688	0.741	1.84 B	16
17	0.550B	0.525B	4.23	3.00	0.520E	1.20 E	0.619	0.510	0.593	0.660	0.739	1.10 B	17
18	0.545B	0.530B	3.88	2.34	0.505E	0.820E	1.13	0.488	0.913	0.633	0.710	0.880B	18
19	0.540B	0.545B	3.92	1.60	0.700E	0.900E	2.03	0.514	0.695	0.649	0.698	0.790B	19
20	0.540B	0.560B	7.03	3.51	1.15 E	1.00 E	0.755	0.579	0.614	0.676	0.710	0.750B	20
21	0.540B	0.580B	6.10	3.32	0.600E	0.910E	0.634	0.543	0.615	0.759	1.82	0.730B	21
22	0.540B	0.610B	6.56	1.68	0.580E	0.780E	0.602	0.546	0.634	0.668	1.55	0.710B	22
23	0.580B	0.585B	6.90	1.40	0.620E	0.680E	0.558	0.638	0.707	0.644	1.15	0.750B	23
24	0.570B	0.550B	6.30	1.31	0.660E	0.610E	0.541	0.588	0.689	0.648	2.23	1.60 B	24
25	0.560B	0.530B	4.67	1.21	0.640E	1.00 E	0.537	1.09	0.804	0.638	1.14	2.70 B	25
26	0.560B	0.510B	2.87	1.14	0.580E	2.00 E	0.521	0.724	0.691	0.703	0.992	1.75 B	26
27	0.560B	0.490B	1.72 B	1.12	0.530E	1.40 E	0.588	0.596	0.933	0.646	0.886	1.46 B	27
28	0.562B	0.475B	2.01 B	1.00	0.910E	0.820E	1.01	0.568	0.909	0.836	0.855	2.10 B	28
29	0.555B		2.71 B	0.930	0.820E	0.760E	0.697	0.554	0.697	0.899	1.35	1.33 B	29
30	0.550B		3.95	0.890A	0.720E	0.700E	0.577	0.554	0.641	0.675	1.24	1.10 B	30
31	0.550B		20.0		0.660E		0.560	0.548		0.617		0.940B	31
TOTAL	26.292	15.151	111.622	75.000	21.125	33.600	18.538	18.550	19.146	21.378	33.710	35.900	TOTAL
MEAN	0.848	0.541	3.60	2.50	0.681	1.12	0.598	0.598	0.638	0.690	1.12	1.16	MEAN
MAX	3.10	0.610	20.0	12.3	1.15	3.60	2.03	1.09	0.933	0.983	2.62	2.70	MAX
MIN	0.540	0.475	0.434	0.890	0.505	0.460	0.340	0.488	0.510	0.576	0.698	0.690	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 20.0 ON MAR 31
MINIMUM DAILY, 0.340E ON JUL 10
MAXIMUM INSTANTANEOUS,
44.5 AT 17:36 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 49 N
LONG 78 53 29 W
DRAINAGE AREA, 95.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 270	JUL	1 600
FEB	1 310	AUG	1 600
MAR	9 640	SEP	1 650
APR	6 480	OCT	1 850
MAY	1 830	NOV	2 910
JUN	2 900	DEC	3 100

TOTAL DISCHARGE, 37 100 dam³

OTONABEE RIVER AT LAKEFIELD - STATION NO. 02NJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	57.8	81.9	64.7	115	196	101	80.8	25.2	36.6	69.7	61.1	207	1
2	57.7	86.3	64.6	119	174	107	71.4	25.2	34.6	67.2	74.8	206	2
3	57.6	84.1	64.8	131	143	97.6	65.9	24.7	29.5	67.4	84.2	216	3
4	57.3	89.1	64.0	143	104	73.2	54.6	29.1	24.5	56.0	95.0	234	4
5	69.4	95.1	63.8	161	76.3	59.6	46.4	34.9	25.8	52.5	116	241	5
6	84.5	93.8	64.0	168	68.5	57.0	36.2	31.3	24.5	48.5	129	250	6
7	91.2	94.2	63.9	170	73.1	63.6	34.1	30.4	25.4	44.1	133	261	7
8	92.4	95.0	64.5	171	74.8	72.8	32.0	32.4	25.1	43.6	137	265	8
9	96.0	93.5	66.5	174	74.5	69.1	30.8	28.0	24.7	43.2	141	261	9
10	94.8	92.5	67.2	177	74.5	62.5	30.9	28.0	24.6	39.2	152	257	10
11	97.9	85.2	67.4	182	71.9	53.5	28.7	25.2	24.3	38.6	157	255	11
12	97.6	73.3	67.5	183	71.0	57.1	27.9	25.4	26.7	47.1	152	256	12
13	98.2	68.6	67.7	188	64.8	56.4	27.3	26.6	26.0	61.2	141	255	13
14	97.3	69.1	67.6	191	55.5	61.9	27.8	27.3	26.0	71.9	140	247	14
15	94.8	67.3	67.5	202	55.6	67.0	31.9	26.8	32.2	84.5	147	236	15
16	93.3	65.7	67.2	221	56.8	84.1	28.6	24.7	37.6	91.8	157	230	16
17	92.4	65.3	76.8	229	52.5	106	28.7	26.1	38.7	89.9	158	229	17
18	90.4	64.5	87.5	239	47.5	120	29.5	26.7	47.7	83.1	160	228	18
19	89.6	63.7	81.1	254	40.5	122	28.9	22.9	51.1	79.0	150	228	19
20	89.8	71.0	68.7	279	42.0	128	28.3	24.0	52.9	79.6	141	219	20
21	89.5	73.2	83.3	312	42.2	142	29.6	28.2	46.6	61.5	141	201	21
22	88.1	73.4	84.5	324	49.5	139	28.2	24.9	44.8	50.1	150	182	22
23	87.5	73.3	84.9	322	48.7	137	28.2	24.5	53.2	52.9	156	160	23
24	87.2	73.3	84.6	319	43.5	136	28.3	25.3	64.4	53.6	164	157	24
25	87.0	71.6	84.4	316	52.9	127	27.9	44.1	67.0	56.7	173	161	25
26	87.1	65.8	92.1	314	52.9	113	30.3	62.5	67.3	62.6	181	181	26
27	80.9	65.7	94.9	312	52.5	108	28.1	65.7	65.1	67.7	187	211	27
28	76.6	65.0	94.4	309	57.0	86.2	27.0	67.8	69.2	64.7	187	231	28
29	76.3		92.9	295	65.6	82.7	28.5	53.9	73.2	66.3	190	240	29
30	76.3		94.6	255	83.5	81.9	27.5	42.0	73.7	72.2	201	247	30
31	76.4		101		95.0		25.8	38.5		69.7		248	31
TOTAL	2 612.9	2 160.5	2 370.6	6 775	2 259.7	2 768.2	1 079.6	1 022.3	1 262.2	1 936.2	4 356.1	7 090	TOTAL
MEAN	84.3	77.2	76.5	226	72.9	92.3	34.8	33.0	42.1	62.5	145	226	MEAN
MAX	98.2	95.1	101	324	196	142	80.8	67.8	73.7	91.8	201	265	MAX
MIN	57.3	63.7	63.8	115	40.5	53.5	25.8	22.9	24.3	38.6	61.1	157	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 87.5
MAXIMUM DAILY, 324 ON APR 22
MINIMUM DAILY, 22.9 ON AUG 19
MAXIMUM INSTANTANEOUS,
341 AT 14:09 EST ON APR 21

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 25 13 N
LONG 78 16 15 W
DRAINAGE AREA, 7 360 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	226 000	JUL	93 300
FEB	167 000	AUG	88 300
MAR	205 000	SEP	109 000
APR	585 000	OCT	167 000
MAY	195 000	NOV	376 000
JUN	239 000	DEC	685 000

TOTAL DISCHARGE, 3 090 000 dam³

OTOSKWIN RIVER BELOW BADESSAWA LAKE - STATION NO. 04FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.4B	16.0B	15.4B	15.6B	66.0	268	191	52.7	76.7	62.4	113	55.5B	1
2	20.2B	16.7B	15.3B	15.6B	91.9	263	181	52.3	77.5	64.3	111	55.0B	2
3	20.1B	16.6B	15.3B	15.5B	126	264	172	52.3	78.4	68.3	109	54.5B	3
4	19.9B	16.6B	15.3B	15.5B	157	252	167	52.6	81.9	71.6	107	54.0B	4
5	19.8B	16.5B	15.3B	15.4B	190	250	158	53.1	81.1	77.7	107	53.0B	5
6	19.7B	16.4B	15.2B	15.4B	227	243	151	53.4	82.4	82.4	106	52.0B	6
7	19.5B	16.4B	15.2B	15.3B	265	236	143	53.2	83.9	90.1	99.5	50.5B	7
8	19.3B	16.3B	15.2B	15.3B	295	231	138	58.5	85.6	99.0	97.4	49.5B	8
9	19.1B	16.2B	15.2B	15.2B	321	225	128	65.8	83.4	105	94.7	48.5B	9
10	19.0B	16.2B	15.1B	15.2B	339	225	121	76.4	80.3	109	91.2	47.0B	10
11	18.9B	16.1B	15.1B	15.2B	357	228	113	85.2	81.6	115	88.7	45.5B	11
12	18.8B	16.1B	15.2B	15.3B	371	231	108	92.6	79.3	123	85.8	44.5B	12
13	18.6B	16.0B	15.6B	15.4B	380	232	101	97.6	78.1	131	83.2	43.5B	13
14	18.5B	16.0B	16.0B	15.4B	384	232	97.2	99.2	77.3	133	80.5B	42.5B	14
15	18.4B	15.9B	16.4B	15.5B	382	232	93.5	102	77.6	134	78.0B	41.0B	15
16	18.3B	15.9B	16.6B	15.6B	384	233	88.5	99.5	77.1	134	76.5B	40.0B	16
17	18.1B	15.8B	16.5B	15.7B	386	235	88.0	97.9	74.8	134	74.0B	39.0B	17
18	18.0B	15.8B	16.4B	15.8B	381	237	80.6	95.8	73.6	133	72.0B	38.2B	18
19	17.9B	15.7B	16.4B	15.9B	383	235	77.2	93.3	70.9	133	70.0B	37.3B	19
20	17.8B	15.7B	16.3B	16.1B	395	234	76.1	90.4	72.1	132	69.0B	36.5B	20
21	17.7B	15.7B	16.3B	16.4B	402	232	70.9	89.1	72.4	131	69.0B	35.7B	21
22	17.6B	15.6B	16.2B	16.9B	402	232	67.0	87.8	70.0	128	69.5B	34.9B	22
23	17.5B	15.6B	16.2B	17.5B	399	228	65.2	86.7	66.3	124	68.0B	34.0B	23
24	17.4B	15.5B	16.1B	18.2B	391	224	63.8	84.1	64.9	122	66.5B	33.2B	24
25	17.3B	15.5B	16.0B	19.5B	380	222	62.2	82.5	66.3	117	64.5B	32.7B	25
26	17.2B	15.5B	16.0B	22.5B	367	220	59.3	83.5	63.9	115	63.0B	32.0B	26
27	17.1B	15.4B	15.9B	26.1	351	215	58.5	80.9	58.0	112	61.0B	31.3B	27
28	17.0B	15.4B	15.8B	29.0	333	209	56.7	79.0	56.6	109	59.5B	30.6B	28
29	17.0B		15.8B	34.5	317	205	55.3	78.1	61.0	111	58.0B	30.0B	29
30	16.9B		15.7B	46.3	294	197	54.8	77.7	64.4	115	56.5B	29.4B	30
31	16.8B		15.7B		277		53.4	76.3		115		28.8B	31
TOTAL	569.8	447.9	488.7	556.8	9 791.9	6 970	3 140.2	2 429.5	2 217.4	3 430.8	2 449.0	1 280.1	TOTAL
MEAN	18.4	16.0	15.8	18.6	316	232	101	78.4	73.9	111	81.6	41.3	MEAN
MAX	20.4	16.8	16.6	46.3	402	268	191	102	85.6	134	113	55.5	MAX
MIN	16.8	15.4	15.1	15.2	66.0	197	53.4	52.3	56.6	62.4	56.5	28.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 92.5
MAXIMUM DAILY, 402 ON MAY 21
MINIMUM DAILY, 15.1B ON MAR 10
MAXIMUM INSTANTANEOUS,
405 AT 18:07 EST ON MAY 21

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 49 20 N
LONG 89 36 00 W
DRAINAGE AREA, 9 010 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	49 200	JUL	271 000
FEB	38 700	AUG	210 000
MAR	42 200	SEP	192 000
APR	48 100	OCT	296 000
MAY	846 000	NOV	212 000
JUN	602 000	DEC	111 000

TOTAL DISCHARGE, 2 920 000 dam³

OTTAWA RIVER AT ARNPRIOR - STATION NO. 02KC012

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.100	74.080	74.170	74.150	74.600	74.100	74.100	74.120	74.170	74.130	74.110	74.160	1
2	74.100	74.090	74.150	74.130	74.610	74.100	74.070	74.120	74.180	74.130	74.130	74.150	2
3	74.100	74.090	74.130	74.120	74.610	74.110	74.090	74.140	74.160	74.120	74.140	74.140	3
4	74.110	74.080	74.140	74.110	74.540	74.090	74.110	74.130	74.130	74.160	74.160	74.070	4
5	74.090	74.130	74.160	74.100	74.480	74.140	74.080	74.130	74.120	74.130	74.140	74.070	5
6	74.180	74.140	74.140	74.090	74.430	74.120	74.100	74.130	74.130	74.170	74.140	74.050	6
7	74.180	74.190	74.110	74.130	74.310	74.110	74.060	74.190	74.130	73.740	74.140	74.120	7
8	74.130	74.130	74.170	74.120	74.220	74.130	74.110	74.160	74.160	74.170	74.080	74.220	8
9	74.150	74.120	74.170	74.130	74.200	74.120	74.130	74.120	74.150	74.160	74.100	74.170	9
10	74.160	74.080	74.110	74.130	74.200	74.140	74.110	74.120	74.130	74.130	74.130	74.160	10
11	74.170	74.130	74.140	74.130	74.200	74.140	74.100	74.160	74.120	74.130	74.130	74.100	11
12	74.100	74.110	74.080	74.090	74.190	74.110	74.110	74.150	74.110	74.140	74.130	74.130	12
13	74.130	74.130	74.140	74.150	74.140	74.120	74.120	74.150	74.150	74.120	74.130	74.160	13
14	74.130	74.120	74.120	74.150	74.160	74.140	74.120	74.150	74.140	74.150	74.050	74.090	14
15	74.110	74.110	74.140	74.100	74.100	74.100	74.120	74.120	74.150	74.120	74.160	74.040	15
16	74.160	74.170	74.080	74.130	74.110	74.110	74.140	74.150	74.140	74.150	74.120	74.130	16
17	74.150	74.150	74.140	74.110	74.090	74.060	74.120	74.150	74.160	74.100	74.120	74.070	17
18	74.140	74.100	74.120	74.150	74.080	74.070	74.150	74.140	74.160	74.110	74.090	74.110	18
19	74.140	74.100	74.130	74.210	74.150	74.120	74.100	74.130	74.130	74.110	74.120	74.070	19
20	74.150	74.110	74.100	74.230	74.160	74.130	74.110	74.140	74.050	74.110	74.100	74.050	20
21	74.160	74.080	74.080	74.370	74.140	74.080	74.130	74.150	74.160	74.110	74.150	74.050	21
22	74.130	74.060	74.110	74.450	74.140	74.080	74.110	74.150	74.140	74.110	74.100	74.090	22
23	74.130	74.110	74.100	74.370	74.100	74.110	74.150	74.150	74.140	74.120	74.130	74.090	23
24	74.160	74.140	74.100	74.240	74.120	74.120	74.150	74.160	74.150	74.110	74.150	74.130	24
25	74.170	74.160	74.110	74.250	74.100	74.150	74.130	74.170	74.140	74.120	74.150	74.120	25
26	74.070	74.130	74.160	74.270	74.120	74.140	74.150	74.150	74.180	74.150	74.180	74.130	26
27	74.060	74.130	74.130	74.340	74.130	74.070	74.140	74.160	74.150	74.150	74.160	74.160	27
28	74.110	74.130	74.110	74.460	74.140	74.130	74.140	74.170	74.150	74.120	74.140	74.190	28
29	74.130		74.080	74.530	74.150	74.120	74.100	74.160	74.150	74.150	74.140	74.220	29
30	74.120		74.060	74.590	74.120	74.100	74.140	74.130	74.140	74.090	74.160	74.200	30
31	74.140		74.160		74.150		74.160	74.160		74.110		74.230	31
MEAN	74.131	74.118	74.124	74.218	74.225	74.112	74.118	74.145	74.141	74.117	74.127	74.127	MEAN
MAX	74.180	74.190	74.170	74.590	74.610	74.150	74.160	74.198	74.180	74.170	74.160	74.230	MAX
MIN	74.060	74.060	74.060	74.090	74.080	74.060	74.060	74.120	74.050	73.740	74.050	74.040	MIN

WATER LEVELS IN METRES

MEAN, 74.102
MAXIMUM DAILY, 74.610 ON MAY 2
MINIMUM DAILY, 73.740 ON OCT 7

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 26 40 N
LONG 76 31 10 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER AT BRITANNIA - STATION NO. 02KF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	967	1 060	1 090	1 300	2 830	985	925	567	392	483	847	1 270	1
2	915	902	1 090	1 300	2 850	908	983	569	432	472	948	1 290	2
3	888	954	1 090	1 260	2 870	858	875	497	451	470	987	1 310	3
4	954	928	1 110	1 240	2 790	841	876	452	441	491	954	1 460	4
5	994	954	1 110	1 230	2 690	963	900	430	465	476	845	1 360	5
6	967	941	1 130	1 230	2 590	884	850	415	464	462	851	1 450	6
7	967	915	1 160	1 150	2 440	925	830	441	455	479	988	1 520	7
8	1 050	1 020	1 080	1 060	2 270	926	820	450	439	587	1 060	1 730	8
9	967	1 010	1 170	1 060	2 050	983	710	501	425	646	1 020	1 920	9
10	915	954	1 270	1 110	1 910	927	653	456	414	630	1 040	1 830	10
11	1 020	954	1 170	1 110	1 780	922	731	442	419	584	1 020	1 810	11
12	915	967	1 200	1 220	1 760	888	698	436	412	525	1 080	1 730	12
13	874	967	1 060	1 150	1 660	872	662	415	424	516	1 080	1 630	13
14	888	915	1 130	1 190	1 590	879	699	421	446	487A	1 040	1 610	14
15	915	860	1 120	1 330	1 580	876	697	416	432	622A	1 040	1 520	15
16	860	860	1 230	1 340	1 390	958	692	414	432	578	1 190	1 500	16
17	915	928	1 010	1 530	1 260	987	697	411	414	633	1 170	1 510	17
18	941	941	1 020	1 630	1 090	966	626	399	406	634	1 180	1 550	18
19	954	941	967	1 810	994	959	748	403	429	613	1 160	1 580	19
20	1 010	967	915	2 180	994	1 020	594	411	415	658	1 150	1 590	20
21	1 050	967	902	2 530	928	1 060	552	369	419	677	1 050	1 560	21
22	1 130	954	902	2 670	902	1 080	600	334	419	668	1 110	1 440	22
23	1 090	1 110	902	2 630	954	1 070	569	338	420	641	1 080	1 450	23
24	1 020	1 060	980	2 480	941	1 110	512	343	452	663	1 210	1 500	24
25	1 020	1 040	1 040	2 370	874	1 160	523	383	454	720	1 210	1 550	25
26	1 020	1 130	1 090	2 370	754	1 150	532	391	431	688	1 250	1 610	26
27	954	1 080	1 130	2 440	767	1 050	585	388	457	821	1 260	1 600	27
28	888	1 090	1 150	2 550	793	966	525	424	467	745	1 230	1 620	28
29	928		1 160	2 690	793	895	550	410	452	838	1 280	1 750	29
30	980		1 080	2 790	860	950	503	418	447	909	1 260	1 910	30
31	954		1 010		860		500	406		822		1 950	31
TOTAL	29 910	27 369	33 468	51 870	48 824	29 030	21 057	13 130	13 065	19 238	32 590	49 110	TOTAL
MEAN	965	977	1 080	1 730	1 570	968	679	424	436	621	1 090	1 580	MEAN
MAX	1 130	1 130	1 270	2 790	2 870	1 160	925	567	467	909	1 280	1 950	MAX
MIN	860	860	902	1 060	754	850	500	334	392	462	845	1 270	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 010
MAXIMUM DAILY, 2 870 ON MAY 3
MINIMUM DAILY, 334 ON AUG 22
MAXIMUM INSTANTANEOUS,
2 930 AT 11:24 EST ON MAY 3

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 21 54 N
LONG 75 48 18 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 580 000	JUL	1 820 000
FEB	2 360 000	AUG	1 130 000
MAR	2 890 000	SEP	1 130 000
APR	4 480 000	OCT	1 660 000
MAY	4 220 000	NOV	2 820 000
JUN	2 510 000	DEC	4 240 000

TOTAL DISCHARGE, 31 800 000 dam³

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1960-80 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 16125 OTTAWA (BRITANNIA), ONT

OTTAWA RIVER AT BRITANNIA - STATION NO. 02KF005

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	58.140	58.210	58.230	58.380	59.260	58.092	58.100	57.836	57.680	57.772	58.050	58.361	1
2	58.100	58.090	58.230	58.380	59.270	58.095	58.091	57.823	57.724	57.764	58.125	58.369	2
3	58.080	58.130	58.230	58.350	59.280	58.052	58.071	57.782	57.743	57.761	58.154	58.386	3
4	58.130	58.110	58.240	58.340	59.240	58.120	58.072	57.745	57.734	57.778	58.129	58.406	4
5	58.160	58.130	58.240	58.330	59.190	58.136	58.089	57.722	57.758	57.767	58.048	58.410	5
6	58.140	58.120	58.260	58.330	59.140	58.078	58.052	57.706	57.757	57.754	58.053	58.479	6
7	58.140	58.100	58.280	58.270	59.060	58.108	58.037	57.727	57.748	57.767	58.154	58.525	7
8	58.200	58.180	58.220	58.210	58.970	58.109	58.030	57.741	57.732	57.852	58.207	58.650	8
9	58.140	58.170	58.290	58.210	58.840	58.151	57.947	57.786	57.717	57.898	58.175	58.768	9
10	58.100	58.130	58.360	58.200	58.760	58.109	57.903	57.749	57.706	57.885	58.190	58.713	10
11	58.180	58.130	58.290	58.240	58.690	58.106	57.962	57.735	57.711	57.850	58.179	58.702	11
12	58.100	58.140	58.310	58.320	58.670	58.081	57.937	57.729	57.706	57.804	58.224	58.651	12
13	58.070	58.140	58.210	58.270	58.610	58.068	57.910	57.706	57.716	57.797	58.218	58.589	13
14	58.080	58.180	58.260	58.300	58.570	58.074	57.938	57.713	57.739	57.775A	58.191	58.579	14
15	58.100	58.060	58.250	58.480	58.560	58.071	57.937	57.708	57.725	57.879A	58.195	58.525	15
16	58.060	58.060	58.330	58.410	58.440	58.133	57.933	57.706	57.725	57.845	58.297	58.515	16
17	58.100	58.110	58.170	58.530	58.350	58.154	57.936	57 703	57.706	57.887	58.283	58.517	17
18	58.120	58.120	58.180	58.590	58.230	58.139	57.882	57.689	57.735	57.888	58.294	58.543	18
19	58.130	58.120	58.140	58.700	58.160	58.133	57.976	57.693	57.722	57.872	58.277	58.562	19
20	58.170	58.140	58.100	58.920	58.160	58.178	57.857	57.782	57.707	57.907	58.275	58.568	20
21	58.200	58.140	58.090	59.110	58.110	58.210	57.825	57.653	57.711	57.921	58.198	58.553	21
22	58.260	58.130	58.090	59.180	58.090	58.219	57.862	57.611	57.711	57.914	58.245	58.474	22
23	58.230	58.240	58.090	59.160	58.130	58.211	57.838	57.616	57.712	57.894	58.224	58.482	23
24	58.180	58.210	58.150	59.040	58.120	58.243	57.796	57.621	57.742	57.910	58.313	58.512	24
25	58.180	58.190	58.190	59.020	58.070	58.281	57.802	57.669	57.747	57.954	58.312	58.541	25
26	58.180	58.260	58.230	59.020	57.980	58.271	57.810	57.678	57.723	57.930	58.341	58.583	26
27	58.130	58.220	58.260	59.060	57.990	58.200	57.789	57.675	57.747	58.031	58.352	58.577	27
28	58.080	58.230	58.270	59.120	58.010	58.138	57.805	57.716	57.760	57.973	58.332	58.589	28
29	58.110		58.280	59.190	58.010	58.086	57.824	57.701	57.744	58.044	58.365	58.666	29
30	58.150		58.220	59.240	58.060	58.127	57.787	57.709	57.739	58.096	58.354	58.759	30
31	58.130		58.170		58.060		57.782	57.697		58.031		58.780	31
MEAN	58.138	58.147	58.221	58.629	58.519	58.130	57.922	57.711	57.728	57.877	58.225	58.562	MEAN
MAX	58.260	58.260	58.360	59.240	59.280	58.281	58.106	57.836	57.760	58.096	58.365	58.780	MAX
MIN	58.060	58.060	58.090	58.210	57.980	58.052	57.782	57.611	57.680	57.754	58.048	58.361	MIN

WATER LEVELS IN METRES

MEAN, 58.151
MAXIMUM DAILY, 59.280 ON MAY 3
MINIMUM DAILY, 57.611 ON AUG 22
MAXIMUM INSTANTANEOUS,
59.310 AT 11:24 EST ON MAY 3

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 21 54 N
LONG 75 48 18 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WATER LEVEL DATA FOR THE PERIOD 1960-80 PUBLISHED BY OCEAN SCIENCE AND SURVEYS - 16125 OTTAWA (BRITANNIA), ONT

OTTAWA RIVER AT CHATS FALLS - STATION NO. 02KF009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	937	960	1 030	1 320	2 780	928	883	590	434	480	987	1 160	1
2	795	878	1 050	1 120	2 810	738	835	473	485	504	855	1 230	2
3	834	901	1 060	1 140	2 880	905	878	503	452	485	911	1 200	3
4	1 010	884	1 040	1 030	2 730	825	841	434	526	526	789	1 420	4
5	911	879	991	1 190	2 590	868	855	430	478	472	750	1 240	5
6	885	911	1 146	1 060	2 480	852	730	439	494	515	881	1 390	6
7	1 020	956	1 120	976	2 330	841	849	553	464	569	1 050	1 520	7
8	976	1 000	1 020	1 060	2 090	927	672	510	447	667	987	1 940	8
9	882	919	1 180	954	1 870	900	657	464	438	671	886	1 870	9
10	927	888	1 270	1 040	1 790	892	688	460	447	565	1 080	1 750	10
11	1 000	923	1 080	1 000	1 700	820	698	473	485	490	986	1 680	11
12	888	954	1 170	1 080	1 660	847	682	435	482	511	1 020	1 560	12
13	943	981	987	1 100	1 520	818	698	461	482	501	948	1 560	13
14	804	845	1 150	1 030	1 540	840	667	451	451	630	973	1 430	14
15	886	781	1 010	1 340	1 570	808	654	450	450	554	969	1 360	15
16	899	832	1 210	1 240	1 240	984	668	442	481	596	1 240	1 450	16
17	836	994	847	1 510	1 100	939	660	436	485	675	1 060	1 440	17
18	913	844	925	1 550	820	868	686	439	478	592	1 140	1 500	18
19	971	916	898	2 020	957	1 000	666	441	442	618	1 090	1 500	19
20	1 010	942	818	2 240	870	993	695	440	436	641	1 090	1 490	20
21	1 020	915	790	2 520	847	1 040	580	360	452	666	983	1 460	21
22	1 150	969	876	2 660	934	994	649	354	434	615	1 120	1 310	22
23	959	1 050	893	2 430	891	1 010	691	351	440	626	991	1 440	23
24	996	1 030	980	2 220	872	1 090	550	405	531	681	1 160	1 430	24
25	998	1 050	898	2 240	654	1 130	530	457	441	699	1 180	1 510	25
26	879	1 140	1 080	2 280	706	1 080	519	372	470	693	1 260	1 520	26
27	921	979	1 100	2 390	748	875	534	467	484	728	1 180	1 530	27
28	839	1 080	1 080	2 580	786	812	548	468	500	804	1 160	1 590	28
29	867		1 040	2 700	864	920	521	451	454	883	1 200	1 780	29
30	850		911	2 760	798	893	587	441	484	743	1 170	1 820	30
31	984		916		778		578	408		770		1 910	31
TOTAL	28 668	26 321	31 560	49 780	46 166	27 537	20 339	13 858	13 865	19 170	30 852	46 990	TOTAL
MEAN	925	940	1 020	1 660	1 490	918	656	447	462	618	1 030	1 520	MEAN
MAX	1 150	1 140	1 270	2 760	2 840	1 130	878	590	531	883	1 260	1 940	MAX
MIN	688	781	790	954	654	738	491	351	434	472	750	1 160	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 973
MAXIMUM DAILY, 2 840 ON MAY 3
MINIMUM DAILY, 351 ON AUG 23

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 28 30 N
LONG 76 14 21 W
DRAINAGE AREA, 89 600 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 480 000	JUL	1 760 000
FEB	2 270 000	AUG	1 200 000
MAR	2 730 000	SEP	1 200 000
APR	4 300 000	OCT	1 660 000
MAY	3 990 000	NOV	2 670 000
JUN	2 380 000	DEC	4 060 000

TOTAL DISCHARGE, 30 700 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

OTTAWA RIVER AT CUMBERLAND - STATION NO. 02LB010

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.412	5.492	5.422	5.976	5.744	5.322	5.287	5.249	5.265	5.252	5.304	5.471	1
2	5.389	5.421	5.495	6.055	5.738	5.301	5.280	5.291	5.317	5.230	5.367	5.473	2
3	5.302	5.389	5.490	6.131	5.744	5.300	5.287	5.257	5.226	5.267	5.356	5.502	3
4	5.438	5.361	5.492	6.060	5.651	5.269	5.319	5.265	5.173	5.238	5.347	5.537	4
5	5.445	5.296	5.456	5.917	5.609	5.395	5.324	5.238	5.252	5.254	5.275	5.564	5
6	5.413	5.344	5.457	5.837	5.636	5.389	5.324	5.221	5.229	5.239	5.268	5.523	6
7	5.398	5.380	5.489	5.641	5.679	5.358	5.293	5.237	5.249	5.300	5.331	5.513	7
8	5.367	5.455	5.482	5.463	5.687	5.352	5.286	5.267	5.228	5.313	5.357	5.545	8
9	5.388	5.499	5.453	5.498	5.567	5.348	5.241	5.271	5.207	5.296	5.339	5.641	9
10	5.414	5.467	5.522	5.558	5.635	5.351	5.258	5.226	5.205	5.329	5.310	5.599	10
11	5.429	5.407	5.561	5.613	5.648	5.343	5.328	5.241	5.196	5.292	5.329	5.515	11
12	5.380	5.351	5.529	5.545	5.691	5.328	5.277	5.243	5.239	5.286	5.301	5.558	12
13	5.288	5.370	5.537	5.595	5.648	5.319	5.221	5.240	5.280	5.262	5.348	5.484	13
14	5.391	5.393	5.525	5.655	5.581	5.347	5.303	5.229	5.238	5.250	5.349	5.592	14
15	5.414	5.126	5.503	5.707	5.606	5.322	5.310	5.213	5.263	5.237	5.366	5.498	15
16	5.415	5.312	5.505	5.649	5.563	5.341	5.298	5.225	5.263	5.229	5.351	5.473	16
17	5.420	5.355	5.507	5.726	5.486	5.344	5.273	5.225	5.240	5.221	5.373	5.603	17
18	5.397	5.459	5.416	5.745	5.428	5.355	5.264	5.234	5.240	5.262	5.426	5.697	18
19	5.325	5.440	5.457	5.645	5.385	5.354	5.276	5.219	5.232	5.278	5.469	5.782	19
20	5.357	5.464	5.427	5.711	5.341	5.317	5.254	5.221	5.267	5.280	5.436	5.840	20
21	5.293	5.456	5.456	5.784	5.350	5.371	5.234	5.241	5.248	5.208	5.375	5.806	21
22	5.287	5.429	5.403	5.861	5.339	5.366	5.250	5.227	5.267	5.265	5.347	5.798	22
23	5.460	5.413	5.478	5.812	5.395	5.359	5.253	5.256	5.273	5.260	5.398	5.820	23
24	5.479	5.457	5.483	5.678	5.385	5.339	5.222	5.224	5.225	5.260	5.416	5.837	24
25	5.454	5.363	5.508	5.671	5.323	5.332	5.268	5.266	5.246	5.294	5.383	5.831	25
26	5.379	5.407	5.568	5.720	5.288	5.341	5.245	5.244	5.267	5.272	5.391	5.922	26
27	5.261	5.482	5.579	5.768	5.249	5.341	5.238	5.212	5.289	5.313	5.369	6.015	27
28	5.367	5.476	5.659	5.725	5.339	5.341	5.256	5.233	5.222	5.286	5.399	5.990	28
29	5.334		5.661	5.713	5.258	5.328	5.260	5.217	5.266	5.296	5.424	6.033	29
30	5.393		5.638	5.764	5.323	5.323	5.268	5.245	5.244	5.310	5.384	6.035	30
31	5.443		5.642		5.317		5.268	5.232		5.309		5.957	31
MEAN	5.382	5.409	5.510	5.741	5.518	5.343	5.272	5.239	5.265	5.271	5.366	5.692	MEAN
MAX	5.479	5.499	5.661	6.131	5.744	5.395	5.328	5.291	5.317	5.329	5.449	6.035	MAX
MIN	5.261	5.296	5.403	5.463	5.248	5.300	5.221	5.212	5.173	5.208	5.268	5.471	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 5.414
MAXIMUM DAILY, 6.131 ON APR 3
MINIMUM DAILY, 5.173 ON SEP 4
MAXIMUM INSTANTANEOUS,
6.149 AT 02:03 EST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 31 17 N
LONG 75 24 45 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 36.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER AT DES JOACHIMS - STATION NO. 02KA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	592	595	783	505	1 470	492	523	472	337	415	710	730	1
2	698	784	846	530	1 380	601	553	369	363	413	653	737	2
3	587	605	833	488	1 390	542	575	425	327	357	701	773	3
4	621	589	811	435	1 390	594	574	380	354	455	731	812	4
5	784	679	834	635	1 270	556	526	363	354	405	759	998	5
6	565	573	920	495	1 100	609	539	404	332	428	883	1 150	6
7	604	666	960	549	976	612	537	346	404	434	661	1 180	7
8	645	640	852	489	970	569	587	403	406	381	663	960	8
9	525	696	838	484	952	641	589	485	366	271	733	944	9
10	556	644	884	518	983	623	498	357	409	354	760	944	10
11	590	592	844	451	980	626	568	384	351	406	639	952	11
12	590	580	826	508	968	634	465	378	293	375	642	853	12
13	626	665	791	504	1 040	640	466	319	339	441	804	836	13
14	587	598	783	594	726	566	428	390	378	515	752	823	14
15	632	549	575	632	526	482	491	325	354	576	670	943	15
16	670	595	623	704	610	698	401	466	384	529	792	991	16
17	781	666	561	824	547	702	416	345	336	359	731	1 020	17
18	711	599	559	830	509	604	356	353	339	453	748	1 080	18
19	717	766	479	1 110	608	477	551	368	381	522	779	817	19
20	688	780	631	1 210	449	552	436	301	380	521	756	865	20
21	664	581	454	1 160	323	630	406	377	373	607	651	1 030	21
22	640	765	603	839	397	704	493	413	402	630	771	959	22
23	570	792	716	984	380	602	345	329	368	581	693	969	23
24	677	880	659	1 110	433	532	357	382	383	582	858	888	24
25	619	725	774	1 160	465	628	361	347	378	632	903	809	25
26	660	779	670	1 220	485	537	375	368	370	599	872	1 020	26
27	647	811	473	1 340	493	516	370	368	435	652	748	1 120	27
28	577	782	500	1 640	502	543	463	338	414	640	736	1 130	28
29	664		490	1 400	452	622	447	371	385	676	847	1 250	29
30	673		496	1 510	502	468	486	355	447	716	765	1 200	30
31	632		453		451		374	371		632		1 130	31
TOTAL	19 622	18 936	21 501	24 848	23 727	17 592	14 316	11 572	11 132	15 557	22 371	29 745	TOTAL
MEAN	633	676	694	828	765	586	462	373	371	502	746	960	MEAN
MAX	781	880	960	1 640	1 470	704	575	472	447	716	903	1 250	MAX
MIN	507	549	453	435	323	468	345	301	293	271	639	730	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 633
MAXIMUM DAILY, 1 640 ON APR 28
MINIMUM DAILY, 271 ON OCT 9

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 11 00 N
LONG 77 41 52 W
DRAINAGE AREA, 57 500 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 700 000	JUL	1 240 000
FEB	1 640 000	AUG	1 000 000
MAR	1 860 000	SEP	962 000
APR	2 150 000	OCT	1 340 000
MAY	2 050 000	NOV	1 930 000
JUN	1 520 000	DEC	2 570 000

TOTAL DISCHARGE, 20 000 000 dam³

OTTAWA RIVER AT LA CAVE RAPIDS - STATION NO. 02JE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	524	592	735	437	961	397	425	390	288	312	580	677	1
2	594	618	796	414	972	501	457	339	264	325	552	644	2
3	513	615	840	406	976	458	493	354	357	327	618	658	3
4	602	614	837	421	976	488	443	371	307	318	605	590	4
5	753	680	853	456	901	478	464	335	310	302	653	686	5
6	381	577	846	430	856	491	474	340	278	360	589	736	6
7	584	661	845	386	737	437	439	342	321	339	602	684	7
8	585	632	817	417	814	512	455	378	271	333	580	703	8
9	575	637	806	400	607	491	439	330	306	361	594	648	9
10	533	574	798	384	640	508	463	350	312	311	616	691	10
11	618	608	745	406	601	508	468	360	267	351	596	686	11
12	622	647	661	359	598	566	401	334	270	324	617	636	12
13	570	670	584	434	562	466	382	328	272	374	632	665	13
14	613	627	554	423	445	521	338	340	267	390	598	677	14
15	652	582	539	435	443	475	380	335	266	356	610	737	15
16	679	557	467	486	499	538	426	363	264	391	621	794	16
17	683	660	518	492	408	489	367	324	306	369	593	870	17
18	725	690	434	619	300	458	322	303	267	376	606	811	18
19	744	676	469	670	354	481	401	325	348	414	597	712	19
20	675	709	505	811	281	524	438	368	298	418	628	779	20
21	619	634	448	576	291	507	373	304	300	477	575	861	21
22	626	692	426	717	207	516	344	316	325	507	576	842	22
23	648	825	439	632	248	434	349	307	294	513	597	820	23
24	640	825	412	592	268	462	363	338	340	504	637	744	24
25	648	796	409	489	278	432	369	363	314	496	750	803	25
26	661	802	444	587	377	448	337	334	315	548	674	804	26
27	640	768	408	820	356	443	352	304	334	575	727	833	27
28	591	754	375	924	347	445	376	346	333	553	657	798	28
29	674		401	955	365	458	375	307	327	634	637	885	29
30	611		377	966	348	490	375	295	344	640	667	866	30
31	576		393		370		329	307		579		820	31
TOTAL	19 159	18 722	18 181	16 544	16 386	14 422	12 317	10 430	9 065	13 077	18 564	23 160	TOTAL
MEAN	618	669	586	551	529	481	397	336	302	422	619	747	MEAN
MAX	753	825	853	966	976	566	493	390	357	640	750	885	MAX
MIN	381	557	375	359	207	397	322	295	264	302	552	590	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 521
MAXIMUM DAILY, 976 ON MAY 3
MINIMUM DAILY, 207 ON MAY 22

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 22 40 N
LONG 78 43 24 W
DRAINAGE AREA, 47 900 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 660 000	JUL	1 060 000
FEB	1 620 000	AUG	901 000
MAR	1 570 000	SEP	783 000
APR	1 430 000	OCT	1 130 000
MAY	1 420 000	NOV	1 600 000
JUN	1 250 000	DEC	2 000 000

TOTAL DISCHARGE, 16 400 000 dam³

OTTAWA RIVER AT LAKE TIMISKAMING - STATION NO. 02JE011

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.492	4.139	2.929	1.474	3.397	5.336	5.355	5.085	4.532	4.881	5.370	5.222	1
2	4.489	4.135	2.847	1.478	3.479	5.361	5.373	5.060	4.545	4.881	5.358	5.212	2
3	4.488	4.105	2.769	1.485	3.566	5.364	5.385	5.046	4.552	4.889	5.344	5.216	3
4	4.502	4.090	2.680	1.491	3.648	5.372	5.395	5.032	4.552	4.883	5.337	5.218	4
5	4.502	4.061	2.585	1.480	3.730	5.382	5.406	5.007	4.564	4.891	5.342	5.222	5
6	4.555	4.019	2.494	1.479	3.840	5.385	5.403	4.999	4.552	4.884	5.334	5.256	6
7	4.546	3.983	2.388	1.462	3.941	5.400	5.394	4.979	4.554	4.905	5.314	5.283	7
8	4.555	3.939	2.288	1.443	4.037	5.413	5.358	4.970	4.558	4.921	5.301	5.305	8
9	4.554	3.908	2.205	1.426	4.115	5.412	5.322	4.963	4.566	4.945	5.291	5.320	9
10	4.562	3.893	2.130	1.412	4.220	5.401	5.283	4.935	4.569	4.970	5.281	5.329	10
11	4.560	3.876	2.056	1.397	4.304	5.383	5.252	4.904	4.579	4.983	5.262	5.333	11
12	4.570	3.855	1.988	1.394	4.371	5.360	5.225	4.885	4.580	4.987	5.264	5.336	12
13	4.559	3.829	1.934	1.415	4.442	5.325	5.194	4.863	4.579	4.999	5.247	5.344	13
14	4.537A	3.796	1.866	1.434	4.499	5.298	5.178	4.836	4.583	5.024	5.236	5.346	14
15	4.519A	3.770	1.818	1.463	4.524	5.285	5.162	4.809	4.583	5.045	5.263	5.355	15
16	4.489	3.743	1.775	1.520	4.525	5.249	5.156	4.793	4.594	5.067	5.268	5.342	16
17	4.454A	3.718	1.725	1.649	4.547	5.226	5.138	4.767	4.607	5.099	5.263	5.350	17
18	4.423E	3.687	1.689	1.832	4.605	5.208	5.116	4.752	4.624	5.144	5.264	5.343	18
19	4.396E	3.634	1.649	1.941	4.682	5.186	5.091	4.739	4.641	5.168	5.260	5.314	19
20	4.368A	3.569	1.614	2.015	4.776	5.169	5.077	4.714	4.663	5.205	5.261	5.293	20
21	4.340	3.517	1.585	2.059	4.877	5.161	5.071	4.694	4.685	5.244	5.265	5.276	21
22	4.317	3.475	1.560	2.097	4.959	5.150	5.057	4.686	4.718	5.288	5.264	5.271	22
23	4.301	3.407	1.542	2.142	5.037	5.166	5.051	4.674	4.742	5.311	5.274	5.264	23
24	4.268	3.324	1.532	2.227	5.099	5.191	5.048	4.657	4.768	5.331	5.288	5.250	24
25	4.245	3.238	1.511	2.386	5.160	5.220	5.041	4.636	4.785	5.344	5.290	5.253	25
26	4.222	3.156	1.488	2.623	5.206	5.250	5.030	4.617	4.808	5.348	5.277	5.254	26
27	4.213	3.065	1.469	2.882	5.240	5.285	5.043	4.603	4.828	5.349	5.268	5.252	27
28	4.192	2.989	1.447	3.110	5.272	5.310	5.063	4.581	4.844	5.363	5.255	5.257	28
29	4.170		1.442	3.251	5.292	5.326	5.080	4.561	4.869	5.380	5.242	5.255	29
30	4.159		1.439	3.329	5.299	5.340	5.107	4.544	4.889	5.388	5.230	5.257	30
31	4.141		1.450		5.299		5.108	4.517		5.373		5.257	31
MEAN	4.411	3.712	1.932	1.893	4.516	5.297	5.192	4.803	4.650	5.113	5.284	5.283	MEAN
MAX	4.570	4.139	2.929	3.329	5.299	5.413	5.406	5.085	4.889	5.388	5.370	5.355	MAX
MIN	4.141	2.989	1.439	1.394	3.397	5.150	5.030	4.517	4.532	4.881	5.230	5.212	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 4.346
MAXIMUM DAILY, 5.413 ON JUN 8
MINIMUM DAILY, 1.394 ON APR 12
MAXIMUM INSTANTANEOUS,
5.421 AT 21:11 EST ON JUN 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 27 02 N
LONG 79 37 50 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1910

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 174.041 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER AT MATTAWA - STATION NO. 02JE013

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	152.610	152.699	152.751	151.063	152.607	152.498	152.468	152.530	152.336	152.268	152.668	152.675	1
2	152.694	152.623	152.714	150.877	152.622	152.539	152.482	152.460	152.324	152.263	152.633	152.688	2
3	152.613	152.600	152.739	150.832	152.661	152.529	152.520	152.486	152.381	152.265	152.675	152.756	3
4	152.625	152.621	152.736	150.799	152.655	152.585	152.511	152.512	152.433	152.299	152.683	152.763	4
5	152.798	152.715	152.716	150.691	152.536	152.568	152.541	152.481	152.445	152.233	152.739	152.858	5
6	152.441	152.651	152.725	151.064	152.470	152.605	152.526	152.486	152.456	152.253	152.634	152.889	6
7	152.584	152.696	152.638	151.007	152.424	152.502	152.506	152.486	152.490	152.271	152.691	152.824	7
8	152.587	152.711	152.546	151.092	152.603	152.559	152.488	152.533	152.421	152.260	152.738	152.840	8
9	152.567	152.731	152.565	150.961	152.452	152.578	152.500	152.455	152.411	152.322	152.686	152.790	9
10	152.624	152.619	152.540	150.972	152.504	152.586	152.513	152.412	152.447	152.458	152.703	152.841	10
11	152.683	152.669	152.459	150.982	152.481	152.561	152.531	152.464	152.386	152.508	152.700	152.812	11
12	152.753	152.687	152.237	150.882	152.422	152.628	152.510	152.432	152.348	152.514	152.729	152.730	12
13	152.699	152.738	152.040	151.076	152.354	152.568	152.467	152.474	152.350	152.564	152.748	152.785E	13
14	152.676	152.759	151.866	151.119	152.236	152.573	152.451	152.459	152.334	152.588	152.768	152.810E	14
15	152.829	152.745	151.893	151.182	152.254	152.535	152.449	152.444	152.302	152.512	152.771	152.890E	15
16	152.789	152.664	151.670	151.305	152.441	152.662	152.473	152.500	152.255	152.452	152.763	152.890E	16
17	152.703	152.745	151.788	151.414	152.450	152.530	152.495	152.410	152.294	152.425	152.741	153.010E	17
18	152.740	152.834	151.666	151.800	152.432	152.528	152.470	152.371	152.303	152.512	152.760	152.900E	18
19	152.747	152.792	151.575	151.947	152.475	152.516	152.492	152.378	152.377	152.604	152.763	152.765E	19
20	152.662	152.724	151.649	152.208	152.313	152.599	152.423	152.435	152.372	152.594	152.799	152.830E	20
21	152.639	152.680	151.548	151.819	152.368	152.576	152.425	152.430	152.353	152.599	152.764	152.950E	21
22	152.645	152.716	151.505	152.023	152.416	152.627	152.394	152.449	152.380	152.626	152.710	152.940E	22
23	152.701	152.812	151.373	152.049	152.397	152.492	152.361	152.382	152.348	152.609	152.748	152.930A	23
24	152.675	152.811	151.202	152.014	152.411	152.457	152.402	152.432	152.387	152.662	152.726	152.745	24
25	152.711	152.785	151.084	151.952	152.418	152.518	152.445	152.457	152.386	152.574	152.821	152.857	25
26	152.756	152.773	151.057	152.066	152.455	152.509	152.454	152.361	152.402	152.601	152.734	152.920	26
27	152.736	152.763	150.981	152.386	152.496	152.561	152.497	152.419	152.403	152.674	152.743	153.028	27
28	152.698	152.745	150.901	152.579	152.523	152.573	152.508	152.412	152.381	152.641	152.684	152.974	28
29	152.781		150.904	152.600	152.486	152.559	152.501	152.382	152.377	152.717	152.628	153.055	29
30	152.734		150.911	152.626	152.499	152.530	152.514	152.349	152.314	152.708	152.630	153.062	30
31	152.680		150.937		152.404		152.472	152.333		152.683		153.011	31
MEAN	152.683	152.717	151.868	151.513	152.460	152.555	152.477	152.438	152.373	152.492	152.719	152.865	MEAN
MAX	152.829	152.834	152.751	152.626	152.661	152.662	152.561	152.533	152.490	152.717	152.821	153.062	MAX
MIN	152.441	152.600	150.901	150.691	152.236	152.457	152.361	152.333	152.255	152.233	152.628	152.675	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 152.429
MAXIMUM DAILY, 153.062 ON DEC 30
MINIMUM DAILY, 150.691 ON APR 5
MAXIMUM INSTANTANEOUS,
153.204 AT 02:00 EST ON DEC 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 19 00 N
LONG 78 42 30 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER AT PEMBROKE - STATION NO. 02KC013

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.360	11.370	11.500	11.250	12.230	11.260	11.300	11.040	11.000	11.110	11.350	11.520	1
2	11.390	11.430	11.530	11.260	12.190	11.280	11.260	11.050	11.010	11.080	---	11.510	2
3	11.340	11.400	11.560	11.260	12.140	11.310	11.250	11.060	11.010	11.050	---	11.520	3
4	11.360	11.380	11.580	11.280	12.140	11.300	11.240	11.060	10.990	11.080	---	11.540	4
5	11.410	11.400	11.580	11.270	12.100	11.300	11.270	11.040	10.970	11.080	11.440	11.610	5
6	11.430	11.360	11.580	11.380	12.020	11.280	11.240	11.020	10.990	11.090	11.460	11.740	6
7	11.330	11.390	11.620	11.290	11.900	11.320	11.240	11.020	10.990	11.070	11.440	11.810	7
8	11.370	11.380	11.620	11.300	11.820	11.290	11.250	10.990	11.040	11.070	11.410	11.810	8
9	11.340	11.390	11.590	11.250	11.800	11.290	11.230	11.040	11.030	11.040	11.450	11.780	9
10	11.290	11.390	11.580	11.270	11.790	11.290	11.200	11.060	11.030	10.990	11.410	11.710	10
11	11.330	11.360	11.580	11.260	11.710	11.320	11.180	11.010	11.030	11.020	11.420	11.720	11
12	11.340	11.350	11.570	11.260	11.700	11.300	11.220	11.000	11.000	11.060	11.420	11.690	12
13	11.360	11.370	11.550	11.300	11.730	11.310	11.210	11.000	11.010	11.050	11.480	11.680	13
14	11.340	11.360	11.530	11.300	11.610	11.320	11.170	11.010	11.010	11.090	11.470	11.610	14
15	11.350	11.340	11.430	11.340	11.510	11.300	11.160	10.970	11.000	11.170	11.470	11.630	15
16	11.370	11.350	11.430	11.430	11.400	11.320	11.140	11.010	11.010	11.220	11.510	11.690	16
17	11.460	11.360	11.300	11.510	11.400	11.340	11.110	11.050	10.980	11.200	11.520	11.700	17
18	11.470	11.370	11.300	11.640	11.350	11.350	11.080	11.010	10.980	11.110	---	11.710	18
19	11.490	11.410	11.300	11.750	11.310	11.310	11.130	10.990	10.960	11.110	---	11.660	19
20	11.460	11.460	11.290	11.900	11.330	11.330	11.130	11.010	11.000	11.160	---	11.650	20
21	11.440	11.420	11.280	11.990	11.240	11.340	11.110	10.950	11.020	11.210	---	11.670	21
22	11.400	11.430	11.250	11.880	11.150	11.380	11.120	10.940	11.020	11.240	11.490	11.690	22
23	11.390	11.480	11.340	11.830	11.150	11.390	11.110	11.030	11.010	11.260	11.460	11.680	23
24	11.390	11.530	11.360	11.840	11.130	11.340	11.050	11.000	11.030	11.250	11.520	11.670	24
25	11.390	11.520	11.430	11.900	11.170	11.320	11.010	11.000	11.030	11.300	11.540	11.630	25
26	11.380	11.520	11.440	12.010	11.180	11.310	11.050	11.010	11.020	11.300	11.570	11.680	26
27	11.400	11.510	11.370	12.080	11.210	11.260	11.020	11.030	11.050	11.290	11.590	11.720	27
28	11.370	11.520	11.270	12.220	11.210	11.270	11.040	11.000	11.060	11.330	11.550	11.780	28
29	11.380		11.260	12.220	11.210	11.280	11.070	11.010	11.050	11.310	11.560	11.860	29
30	11.390		11.240	12.220	11.180	11.320	11.080	11.000	11.070	11.360	11.540	11.890	30
31	11.390		11.220		11.260		11.050	11.000		11.350		11.890	31
MEAN	11.384	11.413	11.435	11.590	11.556	11.311	11.152	11.013	11.013	11.163	---	11.691	MEAN
MAX	11.490	11.530	11.620	12.220	12.230	11.390	11.300	11.060	11.070	11.360	---	11.890	MAX
MIN	11.290	11.340	11.220	11.250	11.130	11.260	11.010	10.940	10.960	10.990	---	11.510	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 12.230 ON MAY 1
MINIMUM DAILY, 10.940 ON AUG 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 49 45 N
LONG 77 07 02 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 100.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER NEAR WESTMEATH - STATION NO. 02KC005

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.896	2.003	2.055	1.562	2.850	1.827	1.895	1.178	1.271	1.415	1.668	2.014	1
2	1.973	2.018	2.051	1.555	2.843	1.859	1.901	1.130	1.292	1.462	1.679	1.980	2
3	2.019	2.110	2.067	1.555	2.792	1.890	1.833	1.131	1.293	1.484	1.698	1.959	3
4	2.004	2.151	2.115	1.566	2.745	1.862	1.754	1.222	1.251	1.492	1.752	1.965	4
5	2.016	2.146	2.170	1.563	2.692	1.827	1.706	1.298	1.211	1.576	1.884	2.031	5
6	2.056	2.138	2.183	1.569	2.606	1.805	1.688	1.262	1.191	1.647	1.910	2.174	6
7	2.059	2.066	2.206	1.576	2.455	1.791	1.673A	1.187	1.183	1.692	1.979	2.300	7
8	2.012	2.083	2.239	1.575	2.262	1.778	1.671	1.136	1.217	1.653	1.988	2.345	8
9	2.005	2.031	2.207	1.566	2.082	1.715	1.672	1.092	1.282	1.568	1.976	2.283	9
10	1.966	2.022	2.166	1.524	1.980	1.712	1.692	1.089	1.335	1.476	1.988	2.173	10
11	1.915	1.960	2.140	1.502	1.892	1.690	1.679	1.097	1.369	1.396	1.989	2.055	11
12	1.931	1.905	2.125	1.469	1.820	1.691	1.658	1.083	1.380	1.373	1.995	2.017	12
13	1.981	1.880	2.107	1.456	1.812	1.685	1.648	1.071	1.361	1.385	1.983	1.969	13
14	2.022	1.945	2.084	1.462	1.810	1.684	1.664	1.051	1.368	1.403	2.023	1.929	14
15	2.037	1.967	2.029	1.478	1.716	1.701	1.647	1.044	1.379	1.437	2.034	1.897	15
16	2.043	1.967	1.952	1.555	1.649	1.719	1.624	1.036	1.341	1.492	2.004	2.002	16
17	2.060	1.968	1.931	1.713	1.720	1.741	1.588	1.058	1.306	1.552	1.988	2.052	17
18	2.136	1.976	1.855	1.890	1.743	1.807	1.549	1.128	1.277	1.568	1.967	2.066	18
19	2.220	2.003	1.853	2.073	1.737	1.733	1.491	1.177	1.240	1.526	1.946	2.056	19
20	2.219	2.060	1.899	2.209	1.872	1.669	1.486	1.201	1.202	1.503	1.924	2.035	20
21	2.142	2.114	1.929	2.352	1.925	1.687	1.562	1.200	1.212	1.495	1.916	2.112	21
22	2.066	2.112	1.929	2.357	1.799	1.719	1.594	1.177	1.237	1.524	1.918	2.141	22
23	2.007	2.094	1.928	2.244	1.663	1.759	1.603	1.179	1.253	1.579	1.938	2.079	23
24	1.963	2.121	1.936	2.168	1.568	1.773	1.584	1.196	1.263	1.640	1.965	2.023	24
25	1.927	2.162	1.967	2.163	1.594	1.716	1.523	1.230	1.281	1.705	2.017	1.984	25
26	1.960	2.139	1.954	2.251	1.643	1.650	1.457	1.298	1.299	1.804	2.015	1.968	26
27	1.991	2.094	1.923	2.425	1.702	1.686	1.420	1.330	1.304	1.829	2.015	2.013	27
28	2.001	2.066	1.817	2.619	1.775	1.780	1.371	1.306	1.324	1.744	2.012	2.059	28
29	1.995		1.709	2.784	1.787	1.835	1.333	1.281	1.350	1.699	1.986	2.168	29
30	1.989		1.617	2.831	1.784	1.871	1.318	1.276	1.372	1.670	2.007	2.279	30
31	1.996		1.555		1.785		1.259	1.269		1.667		2.351	31
MEAN	2.020	2.045	1.990	1.887	2.003	1.755	1.598	1.175	1.288	1.563	1.937	2.080	MEAN
MAX	2.220	2.162	2.239	2.831	2.850	1.890	1.901	1.330	1.380	1.829	2.034	2.351	MAX
MIN	1.896	1.880	1.555	1.456	1.568	1.650	1.259	1.036	1.183	1.373	1.668	1.897	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 1.777
MAXIMUM DAILY, 2.850 ON MAY 1
MINIMUM DAILY, 1.036 ON AUG 16
MAXIMUM INSTANTANEOUS,
2.856 AT 22:45 EST ON MAY 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 53 42 N
LONG 76 54 42 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 104.546 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

OUSE RIVER NEAR WESTWOOD - STATION NO. 02NJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.48 B	0.710B	0.670B	23.5 B	7.95	4.85	1.23	0.361	0.405	1.20	1.92	4.78	1
2	1.42 B	0.730B	0.660B	21.0 B	7.11	4.01	1.18	0.378	0.415	1.05	2.61	4.92	2
3	1.42 B	0.750B	0.650B	19.0 B	6.37	3.17	1.06	0.385	0.439	0.917	3.82	6.55	3
4	1.48 B	0.760B	0.660B	25.0 B	5.68	2.54	1.03	0.379	0.455	0.849	5.85	8.62	4
5	1.54 B	0.760B	0.680B	19.0 B	5.06	2.24	0.978	0.405	0.471	0.808	7.57	9.18	5
6	1.65 B	0.750B	0.690B	16.0 B	4.50	2.81	0.949	0.392	0.466	0.810	7.22	9.31	6
7	1.50 B	0.730B	0.690B	12.5 B	4.08	3.52	0.928	0.353	0.491	0.836	5.86	9.29	7
8	1.40 B	0.710B	0.680B	10.5 B	4.07	3.18	0.923	0.306	0.440	1.30	4.81	8.01	8
9	1.30 B	0.700B	0.680B	9.40B	4.65	2.72	0.885	0.334	0.413	1.48	4.04	6.68B	9
10	1.22 B	0.680B	0.680B	10.8	4.52	2.19	0.829	0.289	0.405	1.44	3.49	6.12B	10
11	1.16 B	0.670B	0.690B	12.4	4.02	2.07	0.795	0.231	0.431	1.45	3.26	5.94B	11
12	1.10 B	0.670B	0.724B	12.2	3.62	1.88	0.801	0.204	0.407	1.53	3.41	5.18B	12
13	1.05 B	0.670B	1.10 B	13.2	3.35	1.82	0.747	0.174	0.386	1.59	3.58	4.62B	13
14	1.00 B	0.700B	1.70 B	15.2	3.01	2.70	0.700	0.190	0.436	1.54	3.40	3.95B	14
15	0.950B	0.740B	2.30 B	15.9	2.77	2.41	0.664	0.232	0.738	1.62	3.30	3.74	15
16	0.900B	0.720B	2.70 B	16.6	2.47	3.99	0.623	0.213	1.28	1.66	3.12	5.52	16
17	0.860B	0.710B	2.60 B	18.5	2.12	4.60	0.551	0.191	1.15	1.66	2.98	5.93	17
18	0.830B	0.700B	2.50 B	21.2	2.14	3.58	0.671	0.167	1.15	1.64	2.81	6.74	18
19	0.800B	0.690B	2.60 B	20.2	2.08	2.95	0.914	0.241	1.17	1.64	2.68	5.04	19
20	0.780B	0.680B	2.70 B	17.9	2.09	3.48	0.857	0.191	1.07	1.72	2.65	4.32	20
21	0.746B	0.690B	3.00 B	20.7	2.06	3.69	0.749	0.200	0.943	1.90	2.89	4.01	21
22	0.730B	0.700B	3.40 B	20.7	1.93	3.63	0.667	0.274	0.836	1.95	3.53	3.57	22
23	0.740B	0.720B	3.90 B	17.6	1.89	3.53	0.561	0.319	0.896	1.82	3.78	3.49B	23
24	0.760B	0.710B	4.50 B	15.0	2.26	2.93	0.486	0.318	1.02	1.66	4.65	3.83	24
25	0.790B	0.700B	5.80 B	13.5	2.90	2.34	0.446	0.529	1.17	1.64	5.25	7.64	25
26	0.800B	0.690B	6.50 B	12.6	3.05	2.02	0.365	0.788	1.18	1.77	4.70	14.7	26
27	0.780B	0.680B	5.30 B	11.6	2.63	1.73	0.270	0.725	1.23	1.76	4.18	17.1	27
28	0.750B	0.680B	4.60 B	10.8	3.21	1.51	0.329	0.594	1.41	1.81	5.05	14.7	28
29	0.720B		4.00 B	9.87	6.63	1.42	0.422	0.527	1.42	1.85	3.63	12.6	29
30	0.700B		3.60 B	8.82	7.03	1.38	0.451	0.480	1.63	1.84	4.51	11.3	30
31	0.680B		8.00 B		6.03		0.406	0.437		1.79		8.44B	31
TOTAL	32.036	19.800	78.954	471.19	121.28	84.89	22.427	10.807	24.313	46.530	120.55	225.82	TOTAL
MEAN	1.03	0.707	2.55	15.7	3.91	2.83	0.723	0.349	0.810	1.50	4.02	7.28	MEAN
MAX	1.65	0.760	8.00	25.0	7.95	4.85	1.23	0.788	1.63	1.95	7.57	17.1	MAX
MIN	0.680	0.670	0.650	8.82	1.89	1.38	0.270	0.167	0.386	0.808	1.92	3.49	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.45
MAXIMUM DAILY, 25.0B ON APR 4
MINIMUM DAILY, 0.167 ON AUG 18
MAXIMUM INSTANTANEOUS,
28.8B AT 20:18 EST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 17 50 N
LONG 78 02 50 W
DRAINAGE AREA, 282 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 770	JUL	1 940
FEB	1 710	AUG	934
MAR	6 820	SEP	2 100
APR	40 700	OCT	4 020
MAY	10 500	NOV	10 400
JUN	7 330	DEC	19 500

TOTAL DISCHARGE, 109 000 dam³

OXTONGUE RIVER NEAR DWIGHT - STATION NO. 02EB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.58B	3.00B	3.65B	10.8B	49.0	6.19	6.98	1.75	1.59	10.2	6.90	24.1	1
2	4.20B	2.95B	3.60B	10.7B	45.8	5.93	6.16	1.77	1.80	8.56	6.92	24.3	2
3	4.40B	2.90B	3.53B	13.4B	42.1	5.56	5.64	1.81	2.36	8.02	7.75	25.4	3
4	4.80B	2.78B	3.48B	14.9B	37.2	5.18	5.22	1.86	3.04	7.57	9.30	26.5	4
5	5.20B	2.72B	3.45B	16.1B	31.4	4.60	4.77	1.85	3.64	7.11	11.9	26.6	5
6	5.75B	2.71B	3.40B	16.7B	26.2	3.80	4.43	1.76	4.63	6.51	14.7	32.9	6
7	5.50B	2.70B	3.37B	16.6B	22.3	3.37	5.10	1.68	5.44	6.02	16.6	39.5	7
8	5.20B	2.68B	3.32B	16.3B	21.0	3.17	5.42	1.61	6.19	6.05	17.1	36.5	8
9	5.00B	2.74B	3.30B	15.8B	20.2	3.04	4.75	1.54	7.38	6.53	17.7	32.2	9
10	4.85B	2.72B	3.30B	15.5	19.1	3.23	4.12	1.45	7.46	6.75	17.7	28.9	10
11	4.65B	8.60B	3.73B	15.3	18.0	3.76	3.94	1.39	7.17	6.72	16.8	26.9	11
12	4.50B	8.20B	3.92B	15.2	16.9	3.57	4.70	1.32	6.87	6.54	19.1	25.1	12
13	4.40B	7.40B	4.48B	16.1	13.0	3.11	4.81	1.28	6.54	6.57	27.5	22.8	13
14	4.38B	6.80B	5.18B	17.7	9.19	2.70	4.39	1.25	7.00	7.17	28.9	21.8	14
15	4.25B	6.30B	5.45B	19.8	7.84	2.64	3.99	1.20	8.55	9.07	25.1	21.1	15
16	4.10B	5.90B	5.73B	23.5	7.34	3.63	3.65	1.14	9.02	10.8	22.0	20.4B	16
17	4.00B	5.60B	6.47B	36.7	7.05	4.04	3.40	1.10	8.91	11.0	20.1	19.6B	17
18	3.90B	5.40B	6.59B	60.2	6.73	4.20	3.27	1.05	9.66	10.4	18.7	18.6	18
19	3.75B	5.15B	8.83B	62.2	6.44	5.45	3.20	1.08	10.2	9.64	17.6	18.0	19
20	3.65B	4.95B	11.9 B	57.0	6.50	8.84	2.98	1.09	10.1	9.18	16.9	17.3	20
21	3.60B	4.85B	11.8 B	56.6	6.57	11.7	2.74	1.08	10.0	9.39	17.8	16.4B	21
22	3.55B	4.60B	11.3 B	56.0	6.35	13.6	2.54	1.11	9.91	9.71	19.9	15.7B	22
23	3.48B	4.45B	12.2 B	54.0	6.11	13.2	2.39	1.41	9.78	9.58	20.5	14.9	23
24	3.40B	4.30B	13.9 B	54.4	6.27	12.0	2.22	1.52	12.3	9.21	20.6	14.9	24
25	3.32B	4.20B	13.3 B	58.7	6.35	11.2	2.09	1.72	16.1	8.79	20.1	17.4	25
26	3.29B	4.05B	12.4 B	63.7	6.31	11.3	2.01	1.76	16.9	8.46	22.3	25.2	26
27	3.25B	3.95B	11.4 B	63.7	6.03	10.8	1.91	1.79	16.8	8.19	25.0	30.4	27
28	3.20B	3.85B	10.6 B	60.3	5.90	9.77	1.92	1.81	15.8	7.87	24.0	29.2	28
29	3.15B		9.60B	56.2	5.83	8.75	1.91	1.75	13.4	7.55	23.7	32.6	29
30	3.05B		9.20B	52.4	5.80	7.85	1.79	1.68	11.9	7.27	24.1	33.9	30
31	3.00B		9.51B		6.12		1.81	1.63		7.01		31.2	31
TOTAL	127.35	126.45	221.89	1 046.5	480.93	196.18	114.25	46.24	260.44	253.44	557.27	770.3	TOTAL
MEAN	4.11	4.52	7.16	34.9	15.5	6.54	3.69	1.49	8.68	8.18	18.6	24.8	MEAN
MAX	5.75	8.60	13.9	63.7	49.0	13.6	6.98	1.86	16.9	11.0	28.9	39.5	MAX
MIN	3.00	2.68	3.30	10.7	5.80	2.64	1.79	1.05	1.59	6.02	6.90	14.9	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.5
MAXIMUM DAILY, 63.7 ON APR 26
MINIMUM DAILY, 1.05 ON AUG 18
MAXIMUM INSTANTANEOUS,
65.2 AT 23:24 EST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 18 47 N
LONG 78 59 32 W
DRAINAGE AREA, 601 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 000	JUL	9 870
FEB	10 900	AUG	4 000
MAR	19 200	SEP	22 500
APR	90 400	OCT	21 900
MAY	41 600	NOV	48 100
JUN	16 900	DEC	66 600

TOTAL DISCHARGE, 363 000 dam³

PAGWACHUAN RIVER AT HIGHWAY NO. 11 - STATION NO. 04JD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.52B	1.73B	1.65B	2.02B	88.0B	44.7	20.1	11.1	4.03	25.5	44.7	20.5B	1
2	2.50B	1.73B	1.64B	2.07B	165	48.6	18.2	9.96	4.45	24.6	43.0	20.1B	2
3	2.47B	1.72B	1.64B	2.10B	173	46.8	16.2	9.20	7.33	23.8	39.7	22.0B	3
4	2.43B	1.72B	1.63B	2.15B	183	43.1	14.4	8.69	11.7	23.1	36.7	24.4B	4
5	2.40B	1.72B	1.62B	2.20B	200	38.9	13.0	8.32	14.2	22.0	35.2	26.5B	5
6	2.37B	1.72B	1.61B	2.28B	211	34.6	17.0	7.82	15.1	20.8	34.0	25.8B	6
7	2.33B	1.72B	1.60B	2.32B	222	30.7	43.4	7.37	14.5	21.5	32.4	24.8B	7
8	2.29B	1.72B	1.59B	2.40B	218	27.8	87.9	7.27	13.6	28.1	30.7	23.3B	8
9	2.26B	1.72B	1.58B	2.47B	202	25.2	91.9	7.67	12.9	32.9	28.6	22.3B	9
10	2.23B	1.72B	1.57B	2.53B	181	24.6	83.4	8.81	12.3	35.4	24.3	21.2B	10
11	2.20B	1.70B	1.57B	2.60B	155	29.9	78.2	9.73	11.6	43.6	23.5B	20.2B	11
12	2.18B	1.70B	1.56B	2.67B	133	32.1	112	9.95	11.9	50.8	22.2B	19.4B	12
13	2.16B	1.70B	1.55B	2.73B	116	31.8	116	9.60	16.3	53.6	21.3B	18.5B	13
14	2.13B	1.70B	1.55B	2.82B	107	31.5	104	9.07	19.4	54.9	20.4B	18.1B	14
15	2.11B	1.70B	1.55B	2.90B	107	34.0	90.3	8.38	20.1	54.6	20.0B	17.0B	15
16	2.08B	1.70B	1.56B	3.00B	102	35.0	77.2	7.83	19.3	52.2	19.5B	16.3B	16
17	2.06B	1.70B	1.56B	3.10B	95.2	34.0	70.3	7.23	18.3	50.1	19.0B	15.9B	17
18	2.03B	1.70B	1.56B	3.20B	88.4	32.0	70.8	6.70	18.3	46.2	18.4B	15.2B	18
19	2.01B	1.70B	1.57B	3.35B	84.6	29.6	63.0	6.30	19.0	50.9	18.2B	14.9B	19
20	2.00B	1.70B	1.58B	3.45B	83.3	27.5	53.4	6.24	22.5	53.7	18.7B	14.3B	20
21	1.98B	1.69B	1.59B	3.60B	81.0	25.8	45.1	5.90	24.9	53.3	21.0B	13.8B	21
22	1.93B	1.69B	1.60B	3.70B	75.1	25.7	38.9	5.54	24.5	50.6	26.0B	13.3B	22
23	1.90B	1.68B	1.61B	3.95B	67.9	24.8	33.5	5.50	23.0	48.5	29.0B	12.9B	23
24	1.87B	1.68B	1.63B	4.40B	61.4	24.0	28.7	5.49	22.0	47.3	28.3B	12.3B	24
25	1.82B	1.68B	1.67B	5.20B	55.0	27.0	25.1	5.48	21.9	51.1	27.0B	12.0B	25
26	1.80B	1.66B	1.72B	6.00B	49.2	27.6	21.9	5.38	20.9	54.2	25.7B	11.7B	26
27	1.79B	1.66B	1.75B	8.40B	44.1	26.2	19.2	5.19	19.9	54.6	24.5B	11.3B	27
28	1.74B	1.65B	1.78B	15.0 B	39.7	25.1	17.3	4.91	18.7	54.6	23.3B	11.0B	28
29	1.74B		1.82B	30.0 B	35.8	23.8	15.2	4.57	20.0	52.7	22.0B	10.7B	29
30	1.74B		1.89B	50.0 B	34.0	22.0	13.5	4.28	23.7	50.8	21.2B	10.3B	30
31	1.74B		2.00B		36.8		12.0	4.15		48.1		10.0B	31
TOTAL	64.81	47.61	50.80	182.61	3 494.5	934.4	1 511.1	223.63	506.31	1 334.1	798.5	530.0	TOTAL
MEAN	2.09	1.70	1.64	6.09	113	31.1	48.7	7.21	16.9	43.0	26.6	17.1	MEAN
MAX	2.52	1.73	2.00	50.0	222	48.6	116	11.1	24.9	54.9	44.7	26.5	MAX
MIN	1.74	1.65	1.55	2.02	34.0	22.0	12.0	4.15	4.03	20.8	18.2	10.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.5
MAXIMUM DAILY, 222 ON MAY 7
MINIMUM DAILY, 1.55B ON MAR 13
MAXIMUM INSTANTANEOUS,
224 AT 20:04 EST ON MAY 7

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 00 N
LONG 85 14 00 W
DRAINAGE AREA, 2 020 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 600	JUL	131 000
FEB	4 110	AUG	19 300
MAR	4 390	SEP	43 700
APR	15 800	OCT	115 000
MAY	302 000	NOV	69 000
JUN	80 700	DEC	45 800

TOTAL DISCHARGE, 836 000 dam³

PARKHILL CREEK ABOVE PARKHILL RESERVOIR - STATION NO. 02FF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.980B	0.226B	0.245B	12.6	0.309	0.442	0.084	0.008	0.026	0.205	0.202	2.97	1
2	1.30 B	0.224B	0.240B	5.04	0.289	0.398	0.061	0.011	0.022	0.140	2.80	1.89	2
3	1.91	0.222B	0.235B	4.96	0.257	0.326	0.055	1.05	0.024	0.092	3.90	1.54	3
4	7.56	0.220B	0.230B	3.31	0.234	0.239	0.050	0.325	0.032	0.076	1.97	9.70	4
5	17.8	0.218B	0.225B	1.89	0.227	0.286	0.053	0.130	0.034	0.068	1.18	6.38	5
6	8.46	0.216B	0.222B	1.71	0.211	1.01	0.041	0.074	0.029	0.060	0.810	8.31	6
7	3.69	0.215B	0.220B	1.64	0.223	0.920	0.031	0.055	0.620	0.050	0.596	3.43	7
8	1.97	0.214B	0.217B	1.46	0.277	0.576	0.018	0.051	0.017	0.046	0.467	1.83	8
9	1.14 B	0.212B	0.214B	2.78	0.218	0.420	0.017	0.047	0.017	0.048	0.383	1.42	9
10	0.700B	0.211B	0.210B	3.34	0.185	0.320	0.016	0.050	0.016	0.052	0.323	1.18	10
11	0.560B	0.211B	0.380B	2.23	0.161	0.252	0.015	0.046	0.015	0.059	0.575	1.06	11
12	0.440B	0.210B	0.724	2.50	0.156	0.192	0.014	0.035	0.015	0.067	6.45	0.858B	12
13	0.380B	0.210B	6.13	3.04	0.148	0.153	0.014	0.026	0.014	0.067	6.51	0.774B	13
14	0.340B	0.210B	17.9	3.32	0.135	0.122	0.013	0.020	0.013	0.063	2.33	0.653	14
15	0.300B	0.250B	20.7	1.99	0.125	0.108	0.012	0.017	0.013	0.057	1.41	0.849	15
16	0.280B	0.210B	17.4	1.55	0.123	1.46	0.011	0.017	0.013	0.213	0.987	11.4	16
17	0.255B	0.295B	16.4 B	2.16	0.114	0.943	0.011	0.016	0.012	2.90	0.790	5.89	17
18	0.235B	0.290B	15.0 B	1.86	0.108	0.452	0.033	0.015	0.010	1.82	0.651	1.97	18
19	0.220B	0.283B	14.0 B	1.22	0.105	1.05	0.013	0.014	0.013	0.882	0.567	1.37	19
20	0.209B	0.280B	13.1	1.11	0.215	2.07	0.015	0.014	0.013	0.592	0.608	1.31	20
21	0.200B	0.275B	13.6	1.18	0.143	1.07	0.014	0.013	0.012	0.595	4.80	1.15	21
22	0.210B	0.271B	12.0	0.939	0.109	0.850	0.013	0.013	0.012	0.477	5.35	1.04	22
23	0.220B	0.270B	12.7	0.736	0.134	0.515	0.010	0.013	0.017	0.366	2.48	1.38	23
24	0.253B	0.277	11.5	0.627	0.127	0.309	0.011	0.012	0.031	0.316	9.13	17.9	24
25	0.250B	0.271	9.08	0.532	0.122	0.234	0.010	0.036	0.151	0.285	3.85	18.7	25
26	0.246B	0.274	5.70	0.475	0.108	0.231	0.010	0.291	0.091	0.244	1.79	10.3	26
27	0.242B	0.270B	3.06	0.491	0.106	0.194	0.009	0.164	0.122	0.213	1.27	3.84	27
28	0.238B	0.260B	2.24	0.488	0.469	0.152	0.010	0.068	0.807	0.184	1.08	3.83	28
29	0.234B		2.10	0.428	1.27	0.133	0.009	0.051	0.652	0.154	7.23	2.85	29
30	0.232B		5.00	0.339	0.729	0.130	0.009	0.042	0.332	0.148	6.29	1.50	30
31	0.228B		23.1		0.519		0.009	0.033		0.129		0.936B	31
TOTAL	51.282	6.895	224.072	65.945	7.652	15.557	0.671	2.757	2.599	10.668	76.819	128.220	TOTAL
MEAN	1.65	0.246	7.23	2.20	0.247	0.519	0.022	0.089	0.087	0.344	2.56	4.14	MEAN
MAX	17.8	0.310	23.1	12.6	1.27	2.07	0.084	1.05	0.807	2.90	9.13	18.7	MAX
MIN	0.200	0.210	0.210	0.339	0.105	0.108	0.009	0.008	0.012	0.046	0.202	0.653	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.63
MAXIMUM DAILY, 23.1 ON MAR 31
MINIMUM DAILY, 0.008 ON AUG 1
MAXIMUM INSTANTANEOUS,
26.6 AT 04:58 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 09 49 N
LONG 81 37 54 W
DRAINAGE AREA, 110 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 430	JUL	58.0
FEB	596	AUG	238
MAR	19 400	SEP	225
APR	5 700	OCT	922
MAY	661	NOV	6 640
JUN	1 340	DEC	11 100

TOTAL DISCHARGE, 51 300 dam³

PASHKOKOGAN RIVER AT OUTLET OF PASHKOKOGAN LAKE - STATION NO. 04GA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.38E	3.97E	3.78E	4.30	4.98	21.5	25.5	15.6	11.2	8.87	12.9E	14.4E	1
2	4.36E	3.96E	3.77E	4.20	5.06	22.3	24.7	15.6	11.4	9.17	13.0E	14.4E	2
3	4.34E	3.95E	3.77E	4.30	5.08	24.3	24.1	15.3	11.2	9.95	13.1E	14.3E	3
4	4.32E	3.94E	3.76E	4.41	5.40	24.7	24.9	15.3	11.4	9.53	13.3E	14.3E	4
5	4.30E	3.93E	3.76E	4.43	6.22	23.5	24.6	15.2	10.6	9.36	13.4E	14.2E	5
6	4.28E	3.92E	3.75E	4.36	6.49	23.2	24.9	15.4	10.5	8.44	13.5E	14.1E	6
7	4.26E	3.91E	3.75E	4.36	7.07	23.5	24.5	15.1	10.7	8.32	13.6E	14.0E	7
8	4.24E	3.90E	3.74E	4.35	7.22	23.6	24.9	15.7	11.1	9.18	13.7E	13.9E	8
9	4.23E	3.89E	3.74E	4.38	7.21	23.2	23.5	15.0	10.7	9.26	13.8E	13.8E	9
10	4.22E	3.88E	3.73E	4.39	7.53	25.0	23.7	15.3	10.4	9.08	13.8E	13.8E	10
11	4.22E	3.87E	3.77E	4.36	8.70	25.5	22.9	15.5	10.4	9.10E	13.9E	13.7E	11
12	4.21E	3.87E	3.83E	4.35	9.04	25.7	22.5	15.4	10.1	9.20E	13.9E	13.6E	12
13	4.20E	3.86E	3.95E	4.31	9.30	25.8	22.0	15.4	10.2	9.30E	14.0E	13.6E	13
14	4.18E	3.85E	4.05E	4.34	10.0	25.8	20.9	15.1	9.80	9.50E	14.0E	13.5E	14
15	4.16E	3.85E	4.20E	4.29	9.94	25.9	21.5	15.3	10.2	9.70E	14.0E	13.5E	15
16	4.14E	3.84E	4.30E	4.30	10.4	26.0	21.6	14.5	10.5	9.90E	14.1E	13.4E	16
17	4.12E	3.84E	4.35E	4.30	11.4	25.8	22.3	14.4	10.1	10.1 E	14.1E	13.4E	17
18	4.10E	3.83E	4.38E	4.26	12.8	25.6	20.1	14.2	9.95	10.3 E	14.1E	13.3E	18
19	4.09E	3.83E	4.37E	4.24	13.7	25.6	20.1	14.4	9.32	10.5 E	14.2E	13.3E	19
20	4.08E	3.82E	4.35E	4.18	14.9	25.4	20.6	13.8	9.71	10.7 E	14.2E	13.2E	20
21	4.07E	3.82E	4.31	4.22	16.2	25.1	19.4	13.9	10.1	10.9 E	14.2E	13.2E	21
22	4.06E	3.81E	4.33	4.28	16.9	25.6	19.0	13.5	9.97	11.1 E	14.2E	13.1E	22
23	4.05E	3.80E	4.32	4.25	17.6	25.8	18.7	13.0	9.29	11.3 E	14.2E	13.1E	23
24	4.04E	3.80E	4.32	4.36	18.3	26.4	18.8	12.3	8.88	11.5 E	14.3E	13.0E	24
25	4.03E	3.80E	4.30	4.51	19.3	26.8	18.6	12.3	9.49	11.7 E	14.3E	13.0E	25
26	4.02E	3.79E	4.25	4.56	19.6	27.1	18.1	12.6	9.49	11.8 E	14.3E	13.0E	26
27	4.01E	3.79E	4.23	4.63	20.4	27.0	17.6	12.2	8.18	12.0 E	14.3E	12.9E	27
28	4.00E	3.78E	4.28	4.76	21.2	26.2	17.3	11.4	7.98	12.2 E	14.3E	12.9E	28
29	4.00E		4.24	4.79	22.4	25.7	17.1	11.3	9.30	12.4 E	14.3E	12.9E	29
30	3.99E		4.23	4.91	19.8	25.6	17.2	11.3	9.81	12.6 E	14.4E	12.8E	30
31	3.98E		4.35		20.4		16.8	10.9		12.8 E		12.8E	31
TOTAL	128.68	108.10	126.26	131.68	384.54	753.2	658.8	436.2	301.97	319.76	417.4	418.4	TOTAL
MEAN	4.15	3.86	4.07	4.39	12.4	25.1	21.3	14.1	10.1	10.3	13.9	13.5	MEAN
MAX	4.38	3.97	4.38	4.91	22.4	27.1	25.5	15.7	11.4	12.8	14.4	14.4	MAX
MIN	3.98	3.78	3.73	4.18	4.98	21.5	16.8	10.9	7.98	8.32	12.9	12.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.5
MAXIMUM DAILY, 27.1 ON JUN 26
MINIMUM DAILY, 3.73E ON MAR 10
MAXIMUM INSTANTANEOUS,
29.0 AT 16:39 EST ON JUN 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 02 03 N
LONG 90 12 04 W
DRAINAGE AREA, 2 230 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 100	JUL	56 900
FEB	9 340	AUG	37 700
MAR	10 900	SEP	26 100
APR	11 400	OCT	27 600
MAY	33 200	NOV	36 100
JUN	65 100	DEC	36 100

TOTAL DISCHARGE, 362 000 dam³

PATTERSON CREEK NEAR SINCOE - STATION NO. 02GC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.577	0.487	0.514	3.49	0.928	1.56	1.01	0.516	0.368	0.553	0.503	1.12	1
2	0.583	0.455	0.514	2.47	0.911	1.62	0.926	0.520	0.384	0.528	0.853	1.08	2
3	0.596	0.460	0.506	2.51	0.890	1.32	0.884	0.529	0.422	0.513	1.07	1.10	3
4	1.05	0.476	0.508	2.48	0.853	1.15	0.875	0.528	0.415	0.506	1.34	1.16	4
5	1.17	0.465	0.556	1.92	0.836	1.21	0.853	0.508	0.388	0.489	1.32	1.25	5
6	0.966	0.485	0.521	1.72	0.843	1.96	0.814	0.490	0.375	0.480	1.05	1.65	6
7	0.847	0.526	0.510	1.55	0.827	1.79	0.766	0.477	0.372	0.494	0.920	1.42	7
8	0.750	0.516	0.509	1.55	0.910	1.50	0.708	0.506	0.363	0.514	0.831	1.20	8
9	0.690	0.430	0.498	1.63	0.899	1.32	0.681	0.536	0.357	0.505	0.782	1.12	9
10	0.660B	0.448	0.481	1.65	0.840	1.19	0.658	0.495	0.347	0.497	0.754	1.08	10
11	0.640B	0.474	0.873	1.65	0.816	1.10	0.646	0.478	0.330	0.505	0.814	1.05	11
12	0.620B	0.460	1.63	1.62	0.790	1.01	0.615	0.462	0.330	0.482	0.965	0.968	12
13	0.597	0.463	4.26	1.65	0.769	0.988	0.585	0.459	0.333	0.467	1.02	0.913	13
14	0.595	0.468	4.67	1.58	0.770	0.908	0.565	0.484	0.339	0.462	0.925	0.895	14
15	0.590	0.503	4.25	1.42	0.729	0.900	0.526	0.442	0.339	0.496	0.871	0.923	15
16	0.563	0.523	3.53	1.34	0.701	0.985	0.490	0.436	0.336	0.450	0.805	1.51	16
17	0.555B	0.527	3.72	1.44	0.702	0.932	0.470	0.425	0.334	0.450	0.766	1.39	17
18	0.598	0.522	2.62	1.46	0.678	0.877	0.495	0.411	0.359	0.443	0.744	1.12	18
19	0.584	0.497	2.23	1.33	0.672	0.852	0.484	0.385	0.337	0.435	0.729	1.06	19
20	0.585	0.516	2.08	1.43	0.682	0.858	0.453	0.391	0.335	0.446	0.709	1.06	20
21	0.580	0.537	2.21	1.78	0.665	1.41	0.420	0.370	0.347	0.443	1.03	1.00	21
22	0.498	0.545	2.12	1.51	0.672	1.47	0.414	0.359	0.387	0.436	1.26	0.937	22
23	0.571	0.552	2.27	1.35	0.679	1.26	0.376	0.390	0.624	0.424	1.14	0.978	23
24	0.578	0.537	2.62	1.23	0.684	1.08	0.387	0.376	0.549	0.424	1.27	1.54	24
25	0.532	0.532	2.28	1.16	0.665	0.988	0.385	0.489	0.571	0.417	1.16	2.60	25
26	0.518	0.518	2.03	1.11	0.652	1.33	0.396	0.458	0.535	0.422	1.05	2.79	26
27	0.489	0.507	1.79	1.05	0.700	1.23	0.455	0.412	0.638	0.416	0.998	2.11	27
28	0.517	0.511	1.58	1.01	1.92	1.09	0.682	0.393	0.664	0.418	0.970	2.13	28
29	0.498		1.48	0.983	1.99	1.26	0.605	0.377	0.631	0.428	1.18	1.87	29
30	0.488		1.62	0.964	1.42	1.20	0.541	0.371	0.594	0.412	1.21	1.54	30
31	0.450		3.31		1.77		0.519	0.366		0.408		1.39	31
TOTAL	19.287	13.936	58.090	48.037	27.493	36.308	18.664	13.791	12.703	14.323	29.039	41.954	TOTAL
MEAN	0.622	0.498	1.87	1.60	0.887	1.21	0.602	0.445	0.423	0.462	0.968	1.35	MEAN
MAX	1.17	0.552	4.67	3.49	1.99	1.96	1.01	0.536	0.664	0.553	1.34	2.79	MAX
MIN	0.450	0.430	0.481	0.964	0.652	0.852	0.376	0.359	0.330	0.408	0.503	0.895	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.914
MAXIMUM DAILY, 4.67 ON MAR 14
MINIMUM DAILY, 0.330 ON SEP 11
MAXIMUM INSTANTANEOUS,
6.60 AT 16:21 EST ON MAR 13

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 13 N
LONG 80 19 41 W
DRAINAGE AREA, 51.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 670	JUL	1 610
FEB	1 200	AUG	1 190
MAR	5 020	SEP	1 100
APR	4 150	OCT	1 240
MAY	2 388	NOV	2 510
JUN	3 140	DEC	3 620

TOTAL DISCHARGE, 28 000 dam³

PAYNE RIVER NEAR BERWICK - STATION NO. 02LB023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.251B	0.203B	0.150B	49.0 B	0.782	0.094	0.058	0.035	0.069	0.159	0.098	2.69	1
2	0.252B	0.195B	0.148B	32.3 B	0.672	0.085	0.049	0.032	0.071	0.174	0.110	4.34	2
3	0.272B	0.185B	0.145B	19.3	0.604	0.094	0.047	0.033	0.071	0.218	0.135	4.78	3
4	0.335B	0.173B	0.142B	14.0	0.546	0.084	0.039	0.030	0.073	0.305	1.34	7.75	4
5	0.550B	0.168B	0.140B	6.30	0.494	0.073	0.033	0.025	0.073	0.166	5.76	5.71	5
6	1.08 B	0.160B	0.139B	3.83	0.461	0.080	0.028	0.018	0.078	0.135	3.40	3.97	6
7	1.05 B	0.155B	0.137B	3.13	0.436	0.082	0.027	0.016	0.085	0.118	1.96	2.99	7
8	0.955B	0.151B	0.135B	2.41	0.438	0.074	0.023	0.013	0.079	0.124	1.41	2.07	8
9	0.905B	0.148B	0.133B	1.89	1.17	0.065	0.022	0.014	0.094	0.136	1.14	1.49 B	9
10	0.850B	0.146B	0.131B	2.14	1.65	0.054	0.019	0.011	0.079	0.142	0.985	1.19 B	10
11	0.788B	0.162B	0.260B	3.43	1.06	0.049	0.020	0.011	0.067	0.148	0.770	1.01	11
12	0.740B	0.141B	1.32 B	3.74	0.736	0.045	0.024	0.010	0.059	0.141	0.837	0.796	12
13	0.680B	0.141B	1.20 B	6.01	0.564	0.045	0.017	0.010	0.058	0.133	1.15	0.615	13
14	0.625B	0.140B	2.25 B	9.54	0.464	0.047	0.016	0.015	0.055	0.132	1.04	0.513	14
15	0.565B	0.140B	5.00 B	6.48	0.395	0.049	0.019	0.010	0.063	0.167	0.793	0.585	15
16	0.519B	0.140B	4.98 B	5.58	0.358	0.063	0.016	0.008	0.067	0.229	0.727	5.04	16
17	0.470B	0.139B	4.78 B	6.11	0.294	0.058	0.017	0.007	0.065	0.216	0.668	7.49	17
18	0.434B	0.139B	4.56 B	6.65	0.246	0.055	0.018	0.006	0.080	0.191	0.659	2.73	18
19	0.405B	0.159B	4.30 B	3.71	0.212	0.062	0.024	0.005	0.100	0.158	0.635	1.44	19
20	0.373B	0.171B	6.10 B	3.11	0.200	0.067	0.022	0.005	0.086	0.139	0.593	0.992	20
21	0.343B	0.175B	6.80 B	7.56	0.182	0.155	0.018	0.005	0.070	0.131	0.615	0.784	21
22	0.313B	0.174B	6.60 B	4.12	0.166	0.343	0.013	0.005	0.065	0.121	0.706	0.683	22
23	0.292B	0.173B	5.98 B	2.65	0.131	0.270	0.015	0.007	0.067	0.110	0.835	0.601	23
24	0.273B	0.170B	5.54 B	2.01	0.131	0.167	0.015	0.006	0.069	0.104	1.25	0.564	24
25	0.262B	0.165B	7.20 B	1.73	0.156	0.140	0.015	0.219	0.073	0.100	1.58	2.69	25
26	0.246B	0.162B	18.5 B	1.40	0.154	0.136	0.015	0.974	0.106	0.093	1.15	17.2 B	26
27	0.236B	0.159B	16.8 B	1.46	0.132	0.142	0.011	0.548	0.156	0.096	0.983B	14.5 B	27
28	0.228B	0.154B	14.8 B	1.33	0.113	0.113	0.012	0.231	0.122	0.095	0.758B	4.62	28
29	0.220B		11.5 B	1.07	0.108	0.087	0.013	0.125	0.136	0.094	0.772	7.38	29
30	0.214B		11.8 B	0.914	0.097	0.073	0.011	0.098	0.166	0.090	1.82	3.53 B	30
31	0.207B		26.5 B		0.093		0.032	0.077		0.095		2.34 B	31
TOTAL	14.933	4.469	168.170	212.884	13.225	2.961	0.708	2.610	2.502	4.356	36.601	114.003	TOTAL
MEAN	0.482	0.160	5.42	7.10	0.427	0.099	0.023	0.084	0.083	0.141	1.15	3.68	MEAN
MAX	1.08	0.203	26.5	49.0	1.65	0.343	0.058	0.974	0.166	0.229	5.76	17.2	MAX
MIN	0.207	0.139	0.131	0.914	0.093	0.045	0.011	0.005	0.055	0.090	0.098	0.505	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.58
MAXIMUM DAILY, 49.0B ON APR 1
MINIMUM DAILY, 0.005 ON AUG 19

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 11 30 N
LONG 75 06 20 W
DRAINAGE AREA, 152 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 290	JUL	61.2
FEB	386	AUG	226
MAR	14 500	SEP	216
APR	18 400	OCT	376
MAY	1 140	NOV	2 990
JUN	256	DEC	9 850

TOTAL DISCHARGE, 49 700 dam³

PEPPERLAW BROOK NEAR UDORA - STATION NO. 02EC103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.30B	1.97B	1.51B	58.0	2.83	2.65	2.24	1.53	1.65	2.79	2.16	5.93	1
2	2.40B	2.02B	1.50B	46.2	2.71	2.60	2.04	1.53	1.54	2.54	4.31	5.56	2
3	2.50B	2.12B	1.49B	36.2	2.62	2.47	1.80	1.62	1.59	2.25	6.31	5.03	3
4	3.20B	2.23B	1.48B	21.4	2.56	2.26	1.41	1.55	1.57	2.02	8.61	5.23	4
5	3.70B	2.21B	1.48B	17.0	2.48	2.53	1.46	1.69	1.51	1.94	10.2	5.45	5
6	4.06B	2.15B	1.48B	12.6	2.43	2.80	1.41	1.64	1.36	1.87	9.82	6.03	6
7	4.05B	2.08B	1.47B	8.53	2.38	3.54	1.38	1.47	1.30	1.93	8.14	5.84	7
8	3.59B	1.96B	1.47B	6.76	2.69	3.61	1.35	1.37	1.30	2.99	6.02	5.25	8
9	3.34B	1.87B	1.46B	5.52	3.08	2.94	1.29	1.47	1.27	3.58	4.63	4.40	9
10	3.20B	1.80B	1.45B	5.59	3.24	2.44	1.19	1.48	1.20	3.38	3.26	3.41	10
11	3.10B	1.78B	5.03	5.93	2.88	2.28	1.13	1.43	1.16	2.98	3.39	2.87	11
12	3.00B	1.76B	5.54	6.10	2.58	2.16	1.10	1.33	1.10	2.76	3.28	2.64	12
13	2.94B	1.74B	6.46	6.75	2.40	2.13	1.03	1.27	1.13	2.67	3.30	2.56	13
14	2.82B	1.72B	7.25	7.45	2.31	2.25	1.01	1.22	1.19	2.59	3.43	2.49	14
15	2.78B	1.70B	8.15	8.09	2.22	1.95	0.982	1.22	2.12	2.68	3.19	2.54	15
16	2.69B	1.68B	9.32	8.54	2.08	3.26	1.05	1.10	2.66	2.90	3.02	4.79	16
17	2.60B	1.66B	10.4	10.4	2.05	3.33	1.16	1.02	2.62	2.83	2.87	5.29	17
18	2.52B	1.64B	11.3	11.8	1.97	2.93	1.43	0.980	3.00	2.68	2.80	4.83	18
19	2.48B	1.62B	12.2	10.8	2.10	2.81	2.40	0.998	3.57	2.46	2.77	4.43	19
20	2.40B	1.60B	13.4	9.19	2.90	3.95	3.25	1.15	3.45	2.39	2.80	4.03	20
21	2.34B	1.59B	14.4	8.49	2.75	4.22	3.26	1.16	2.88	2.62	3.39	3.77	21
22	2.29B	1.58B	15.1	7.54	2.47	3.69	2.52	1.22	2.45	2.83	4.24	3.56	22
23	2.24B	1.57B	16.2	6.27	2.45	3.32	1.95	1.41	2.25	2.74	4.69	3.35	23
24	2.19B	1.56B	16.8	5.07	2.94	3.53	1.65	1.45	2.34	2.48	5.89	3.97	24
25	2.12B	1.55B	16.5	4.55	3.17	3.29	1.64	2.34	2.75	2.23	6.35	8.08	25
26	2.08B	1.54B	15.1	4.19	2.89	3.09	1.33	3.41	2.99	2.10	6.24	12.1	26
27	2.04B	1.53B	14.3	3.85	2.62	2.99	1.29	3.23	3.15	2.07	5.25	13.6	27
28	2.00B	1.52B	11.9	3.55	2.54	2.87	1.61	2.54	3.43	2.06	4.26	10.7	28
29	1.95B		10.2	3.26	2.86	2.81	1.96	2.19	3.43	2.07	4.69	7.95	29
30	1.91B		9.15	3.02	2.88	2.58	1.95	1.87	3.10	2.02	5.57	5.97	30
31	1.90B		13.0		2.74		1.70	1.71		1.98		4.70	31
TOTAL	82.73	49.75	256.49	352.64	80.82	87.28	56.952	49.598	65.04	77.43	144.80	165.35	TOTAL
MEAN	2.67	1.78	8.27	11.8	2.61	2.91	1.84	1.60	2.17	2.50	4.83	5.33	MEAN
MAX	4.06	2.23	16.8	58.0	3.24	4.22	3.26	3.41	3.57	3.58	10.2	12.6	MAX
MIN	1.90	1.52	1.45	3.02	1.97	1.95	0.982	0.980	1.10	1.87	2.16	2.49	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.01
MAXIMUM DAILY, 58.0 ON APR 1
MINIMUM DAILY, 0.980 ON AUG 18
MAXIMUM INSTANTANEOUS,
66.0 AT 22:40 EST ON APR 1

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 16 04 N
LONG 79 11 42 W
DRAINAGE AREA, 332 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 150	JUL	4 480
FEB	4 300	AUG	4 290
MAR	22 200	SEP	5 620
APR	30 500	OCT	6 490
MAY	6 980	NOV	12 300
JUN	7 540	DEC	14 300

TOTAL DISCHARGE, 126 000 dam³

PERCH LAKE INLET NO. 1 NEAR CHALK RIVER - STATION NO. 02KA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.004	0.003	0.034	0.046	0.011	0.038	0.003	0	0	0.004	0.002	0.012	1
2	0.004	0.003	0.023	0.043	0.010	0.023	0.003	0	0	0.005	0.003	0.020	2
3	0.004	0.003	0.013	0.030	0.009	0.014	0.003	0	0	0.004	0.009	0.027	3
4	0.005	0.003	0.009	0.027	0.009	0.009	0.002	0	0.001	0.003	0.021	0.024	4
5	0.005	0.003	0.007	0.019	0.008	0.007	0.002	0	0.001	0.003	0.022	0.025	5
6	0.005	0.003	0.005	0.013	0.009	0.006	0.002	0	0.002	0.002	0.013	0.031	6
7	0.004	0.003	0.005	0.011	0.009	0.005	0.002	0	0.001	0.003	0.009	0.020	7
8	0.003	0.003	0.004	0.010	0.013	0.003	0.002	0	0.002	0.006	0.007	0.012	8
9	0.003	0.003	0.004	0.011	0.013	0.003	0.001	0	0.002	0.009	0.006	0.007	9
10	0.003	0.003	0.004	0.019	0.010	0.003	0.001	0	0.001	0.007	0.005	0.005	10
11	0.003	0.003	0.004	0.023	0.008	0.003	0.001	0	0.001	0.006	0.005	0.005	11
12	0.002	0.003	0.004	0.028	0.007	0.003	0.001	0	0.001	0.005	0.009	0.005B	12
13	0.002	0.003	0.009	0.050	0.006	0.002	0.001	0	0.001	0.005	0.011	0.003B	13
14	0.002	0.003	0.012	0.059	0.005	0.002	0.001	0	0.001	0.006	0.008	0.003	14
15	0.002	0.003	0.010	0.068	0.005	0.007	0.001	0	0.001	0.006	0.006	0.004	15
16	0.002	0.003	0.008	0.093	0.004	0.021	0	0	0.001	0.006	0.006	0.006	16
17	0.002	0.003	0.007	0.096	0.003	0.012	0	0	0.002	0.004	0.005	0.006	17
18	0.002	0.003	0.007	0.055	0.003	0.007	0	0	0.004	0.004	0.005	0.005	18
19	0.002	0.003	0.007	0.038	0.004	0.011	0	0	0.005	0.003	0.005	0.004	19
20	0.002	0.003	0.007	0.042	0.004	0.032	0	0	0.005	0.003	0.006	0.004	20
21	0.002	0.003	0.007	0.041	0.004	0.022	0	0	0.006	0.003	0.013	0.004	21
22	0.002	0.003	0.007	0.032	0.003	0.020	0	0	0.005	0.003	0.014	0.004	22
23	0.002	0.003	0.008	0.034	0.003	0.021	0	0	0.003	0.003	0.012	0.004	23
24	0.002	0.004	0.009	0.032	0.003	0.014	0	0	0.003	0.003	0.012	0.006	24
25	0.002	0.008	0.012	0.027	0.003	0.012	0	0	0.003	0.002	0.009	0.015	25
26	0.002	0.035	0.012	0.023	0.003	0.009	0	0	0.003	0.002	0.008	0.022	26
27	0.002	0.048	0.010	0.023	0.003	0.007	0	0	0.004	0.002	0.006	0.023	27
28	0.002	0.044	0.010	0.015	0.002	0.005	0	0	0.004	0.002	0.004	0.027	28
29	0.002		0.010	0.013	0.003	0.005	0	0	0.003	0.002	0.005	0.031	29
30	0.003		0.014	0.012	0.008	0.004	0	0	0.003	0.002	0.007	0.018	30
31	0.003		0.027		0.007		0	0		0.002		0.011	31
TOTAL	0.085	0.198	0.389	1.029	0.272	0.350	0.026	0	0.069	0.120	0.253	0.393	TOTAL
MEAN	0.003	0.007	0.010	0.034	0.009	0.012	0.001	0	0.002	0.004	0.008	0.013	MEAN
MAX	0.005	0.048	0.034	0.096	0.087	0.038	0.003	0	0.006	0.009	0.022	0.031	MAX
MIN	0.002	0.003	0.004	0.010	0.002	0.002	0	0	0	0.002	0.002	0.003	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.009
MAXIMUM DAILY, 0.096 ON APR 17
MINIMUM DAILY, 0 ON JUL 16
MAXIMUM INSTANTANEOUS,
0.117 AT 15:57 EST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 10 N
LONG 77 22 45 W
DRAINAGE AREA, 0.98 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7.34	JUL	2.25
FEB	17.1	AUG	0
MAR	26.7	SEP	5.96
APR	88.8	OCT	10.4
MAY	23.5	NOV	21.9
JUN	30.2	DEC	34.0

TOTAL DISCHARGE, 268 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.011	0.006	0.009	0.057	0.065	0.131	0.014	0	0	0.022	0.004	0.037	1
2	0.010	0.006	0.009	0.061	0.057	0.102	0.013	0	0.004	0.021	0.008	0.045	2
3	0.010	0.006	0.008	0.053	0.051	0.076	0.013	0	0.006	0.018	0.024	0.065	3
4	0.012	0.007	0.008	0.045	0.045	0.060	0.010	0	0.002	0.015	0.046	0.065	4
5	0.013	0.007	0.008	0.039	0.041	0.048	0.007	0	0.001	0.012	0.049	0.072	5
6	0.013	0.007	0.008	0.033	0.040	0.038	0.004	0	0.001	0.010	0.041	0.090	6
7	0.012	0.007	0.008	0.026	0.038	0.031	0.004	0	0.001A	0.011	0.036	0.065	7
8	0.010	0.007	0.007	0.030	0.042	0.023	0.003	0	0 E	0.027	0.031	0.046	8
9	0.010	0.007	0.007	0.037	0.040	0.016	0.002	0	0 E	0.036	0.026	0.033	9
10	0.008	0.008	0.007	0.043	0.034	0.016	0.001	0	0 A	0.031	0.021	0.026	10
11	0.007	0.008	0.007	0.043	0.030	0.016	0.001	0	0	0.027	0.021	0.024	11
12	0.006	0.008	0.007	0.057	0.027	0.011	0.001	0	0	0.026	0.031	0.021	12
13	0.007	0.008	0.007	0.088	0.023	0.011	0.001	0	0	0.024	0.030	0.017	13
14	0.007	0.008	0.007	0.122	0.020	0.010	0.001	0	0	0.023	0.025	0.016	14
15	0.006	0.008	0.007	0.168	0.018	0.025	0.001	0	0.006	0.025	0.022	0.018	15
16	0.004	0.008	0.007	0.227	0.015	0.043	0.001	0	0.014	0.022	0.021	0.027	16
17	0.006	0.008	0.006	0.273	0.013	0.060	0	0	0.010	0.019	0.019	0.022	17
18	0.005	0.008	0.006	0.241	0.012	0.038	0	0	0.026	0.015	0.018	0.018	18
19	0.004	0.008	0.007	0.210	0.012	0.092	0	0	0.025	0.013	0.018	0.017	19
20	0.004	0.008	0.011	0.192	0.012	0.091	0	0	0.025	0.013	0.022	0.017	20
21	0.004	0.008	0.011	0.176	0.011	0.080	0	0	0.028	0.013	0.035	0.017	21
22	0.004	0.009	0.012	0.153	0.009	0.072	0	0	0.025	0.013	0.035	0.017	22
23	0.004	0.009	0.015	0.137	0.008	0.067	0	0	0.020	0.011	0.026	0.017	23
24	0.004	0.009	0.019	0.145	0.008	0.053	0	0	0.016	0.010	0.037	0.024	24
25	0.005	0.009	0.023	0.132	0.009	0.049	0	0	0.019	0.008	0.034	0.047	25
26	0.004	0.009	0.023	0.124	0.008	0.039	0	0	0.018	0.007	0.029	0.057	26
27	0.005	0.009	0.022	0.104	0.007	0.030	0	0	0.020	0.007	0.023	0.046	27
28	0.005	0.009	0.021	0.130	0.007	0.023	0	0	0.021	0.007	0.020	0.064	28
29	0.005		0.023	0.093	0.007	0.022	0	0	0.018	0.006	0.024	0.068	29
30	0.005		0.026	0.074	0.023	0.019	0	0	0.014	0.005	0.025	0.051	30
31	0.006		0.045		0.163		0	0		0.004		0.043	31
TOTAL	0.218	0.219	0.391	3.391	0.895	1.392	0.077	0	0.330	0.500	0.811	1.192	TOTAL
MEAN	0.007	0.008	0.013	0.113	0.029	0.046	0.002	0	0.011	0.016	0.027	0.038	MEAN
MAX	0.013	0.009	0.045	0.273	0.163	0.131	0.014	0	0.028	0.036	0.049	0.090	MAX
MIN	0.004	0.006	0.006	0.026	0.007	0.019	0	0	0	0.004	0.004	0.016	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.036
MAXIMUM DAILY, 0.273 ON APR 17
MINIMUM DAILY, 0 ON JUL 17
MAXIMUM INSTANTANEOUS,
0.286 AT 20:13 EST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 12 N
LONG 77 22 32 W
DRAINAGE AREA, 3.66 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10.8	JUL	6.65
FEB	18.9	AUG	0
MAR	33.8	SEP	27.6
APR	293	OCT	43.3
MAY	77.3	NOV	70.1
JUN	130	DEC	103

TOTAL DISCHARGE, 812 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

PERCH LAKE INLET NO. 3 NEAR CHALK RIVER - STATION NO. 02KA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.002	0.002	0.002	0.011	0.014	0.025	0.002	0	0	0.003	0.002	0.005	1
2	0.002	0.002	0.002	0.009	0.016	0.014	0.002	0	0.002	0.002	0.002	0.007	2
3	0.002	0.002	0.002	0.008	0.011	0.008	0.002	0	0.002	0.002	0.005	0.009	3
4	0.002	0.002	0.002	0.008	0.008	0.005	0.002	0	0.002	0.002	0.009	0.008	4
5	0.002	0.002	0.002	0.006	0.007	0.004	0.002	0	0.002	0.002	0.006	0.010	5
6	0.002	0.002	0.002	0.005	0.008	0.004	0.002	0	0.002	0.002	0.003	0.012	6
7	0.002	0.002	0.002	0.004	0.007	0.003	0.002	0	0.002	0.002	0.003	0.007	7
8	0.002	0.002	0.002	0.004	0.009	0.002	0.002	0	0.001	0.004	0.002	0.005	8
9	0.002	0.002	0.002	0.004	0.008	0.002	0.001	0	0.001	0.005	0.002	0.003	9
10	0.002	0.002	0.002	0.005	0.007	0.002	0.001	0	0	0.003	0.003	0.002	10
11	0.002	0.002	0.002	0.005	0.006	0.003	0.001	0	0	0.002	0.002	0.003	11
12	0.002	0.002	0.002	0.008	0.006	0.002	0.001	0	0	0.003	0.004	0.002	12
13	0.002	0.002	0.003	0.016	0.005	0.002	0.001	0	0	0.002	0.003	0.002	13
14	0.002	0.002	0.004	0.021	0.005	0.002	0.001	0	0	0.002	0.002	0.002	14
15	0.002	0.002	0.003	0.027	0.004	0.007	0.001	0	0	0.002	0.002	0.002	15
16	0.002	0.002	0.003	0.058	0.004	0.013	0	0	0	0.002	0.002	0.004	16
17	0.002	0.002	0.002	0.079	0.003	0.006	0	0	0.001	0.002	0.002	0.003	17
18	0.002	0.002	0.003	0.043	0.003	0.003	0	0	0.003	0.002	0.002	0.002	18
19	0.002	0.002	0.002	0.027	0.004	0.021	0	0	0.002	0.002	0.002	0.002	19
20	0.002	0.002	0.002	0.032	0.004	0.016	0	0	0.002	0.002	0.002	0.002	20
21	0.002	0.002	0.002	0.028	0.003	0.011	0	0	0.003	0.002	0.005	0.002	21
22	0.002	0.002	0.002	0.023	0.003	0.015	0	0	0.002	0.002	0.004	0.002	22
23	0.002	0.002	0.003	0.029	0.003	0.017	0	0	0.002	0.002	0.004	0.002	23
24	0.002	0.002	0.003	0.027	0.003	0.009	0	0	0.002	0.002	0.005	0.004	24
25	0.002	0.002	0.003	0.022	0.003	0.008	0	0	0.002	0.002	0.003	0.010	25
26	0.002	0.002	0.003	0.018	0.003	0.006	0	0	0.002	0.002	0.003	0.011	26
27	0.002	0.002	0.003	0.015	0.002	0.004	0	0	0.002	0.002	0.002	0.008	27
28	0.002	0.002	0.003	0.012	0.002	0.003	0	0	0.002	0.002	0.003	0.011	28
29	0.002		0.003	0.011	0.002	0.003	0	0	0.002	0.002	0.003	0.012	29
30	0.002		0.004	0.012	0.008	0.003	0	0	0.002	0.002	0.003	0.007	30
31	0.002		0.008		0.056		0	0		0.002		0.005	31
TOTAL	0.062	0.056	0.083	0.573	0.227	0.223	0.023	0	0.043	0.078	0.093	0.166	TOTAL
MEAN	0.002	0.002	0.003	0.019	0.007	0.007	0.001	0	0.001	0.002	0.003	0.005	MEAN
MAX	0.002	0.002	0.008	0.079	0.056	0.025	0.002	0	0.003	0.005	0.009	0.012	MAX
MIN	0.002	0.002	0.002	0.004	0.002	0.002	0	0	0	0.002	0.002	0.002	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.079 ON APR 17
MINIMUM DAILY, 0 ON JUL 16
MAXIMUM INSTANTANEOUS,
0.087 AT 15:56 EST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 01 49 N
LONG 77 22 17 W
DRAINAGE AREA, 0.70 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5.36	JUL	1.99
FEB	4.84	AUG	0
MAR	7.17	SEP	3.72
APR	49.5	OCT	6.05
MAY	19.6	NOV	8.04
JUN	19.3	DEC	14.3

TOTAL DISCHARGE, 140 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

PERCH LAKE INLET NO. 4 NEAR CHALK RIVER - STATION NO. 02KA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.002	0.002	0.002	0.012	0.004A	0.008	0.002	0	0.001	0.002	0.002	0.004	1
2	0.002	0.002	0.002	0.009	0.010	0.005	0.002	0	0.003	0.002	0.002	0.005	2
3	0.002	0.002	0.002	0.007	0.007	0.003	0.002	0	0.003	0.002	0.003	0.007	3
4	0.002	0.002	0.002	0.007	0.004	0.002	0.002	0	0.002	0.002	0.005	0.007	4
5	0.002	0.002	0.002	0.006	0.003	0.002	0.002	0	0.002	0.002	0.005	0.007	5
6	0.002	0.002	0.002	0.004	0.004	0.002	0.002	0	0.002	0.002	0.003	0.010	6
7	0.002	0.002	0.002	0.004	0.003	0.002	0.002	0	0.002	0.002	0.002	0.006	7
8	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0	0.002	0.002	0.002	0.004	8
9	0.002	0.002	0.002	0.003	0.003	0.002	0.002	0	0.001	0.003	0.002	0.003	9
10	0.002	0.002	0.002	0.004	0.002	0.002	0.001	0	0.001	0.002	0.002	0.003	10
11	0.002	0.002	0.002	0.005	0.002	0.002	0.001	0	0.001	0.002	0.002	0.003	11
12	0.002	0.002	0.002	0.008	0.002	0.002	0.001	0	0.001	0.002	0.003	0.003	12
13	0.002	0.002	0.002	0.014	0.002	0.002	0.001	0	0.001	0.002	0.003	0.002	13
14	0.002	0.002	0.002	0.016	0.002	0.002	0.001	0	0.002	0.002	0.002	0.002	14
15	0.002	0.002	0.002	0.020	0.002	0.003	0.002	0	0.002	0.002	0.002	0.002	15
16	0.002	0.002	0.002	0.035	0.002	0.005	0.001	0	0.002	0.002	0.002	0.003	16
17	0.002	0.002	0.002	0.036	0.002	0.002	0.001	0	0.002	0.002	0.002	0.003	17
18	0.002	0.002	0.002	0.016	0.002	0.002	0.001	0	0.003	0.002	0.002	0.002	18
19	0.002	0.002	0.002	0.011	0.002	0.009	0.001	0	0.002	0.002	0.002	0.002	19
20	0.002	0.002	0.002	0.015	0.002	0.006	0.001	0	0.002	0.002	0.002	0.002	20
21	0.002	0.002	0.002	0.011	0.002	0.005	0.001	0	0.002	0.002	0.004	0.002	21
22	0.002	0.002	0.002	0.010	0.002	0.009	0	0	0.002	0.002	0.003	0.002	22
23	0.002	0.002	0.002	0.013	0.002	0.008	0	0	0.002	0.002	0.003	0.003	23
24	0.002	0.002	0.002	0.012	0.002	0.004	0	0	0.002	0.002	0.003	0.003	24
25	0.002	0.002	0.002	0.010	0.002	0.004	0	0	0.002	0.002	0.002	0.006	25
26	0.002	0.002	0.002	0.008	0.002	0.003	0	0	0.002	0.002	0.002	0.009	26
27	0.002	0.002	0.002	0.007	0.002	0.002	0	0	0.002	0.002	0.002	0.006	27
28	0.002	0.002	0.002	0.006	0.002	0.002	0	0	0.002	0.002	0.002	0.008	28
29	0.002		0.002	0.005A	0.002	0.002	0	0	0.002	0.002	0.002	0.010	29
30	0.002		0.003	0.005E	0.003	0.002	0	0	0.002	0.002	0.003	0.006	30
31	0.002		0.006		0.020		0	0		0.002		0.004	31
TOTAL	0.062	0.056	0.067	0.322	0.184	0.106	0.031	0	0.057	0.063	0.076	0.138	TOTAL
MEAN	0.002	0.002	0.002	0.011	0.003	0.004	0.001	0	0.002	0.002	0.003	0.004	MEAN
MAX	0.002	0.002	0.006	0.036	0.020	0.009	0.002	0	0.003	0.003	0.005	0.010	MAX
MIN	0.002	0.002	0.002	0.003	0.002	0.002	0	0	0.001	0.002	0.002	0.002	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.003
MAXIMUM DAILY, 0.036 ON APR 17
MINIMUM DAILY, 0 ON JUL 22
MAXIMUM INSTANTANEOUS,
0.041 AT 08:35 EST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 01 48 N
LONG 77 22 31 W
DRAINAGE AREA, 0.21 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5.36	JUL	2.68
FEB	4.84	AUG	0
MAR	5.79	SEP	6.92
APR	27.0	OCT	5.44
MAY	6.99	NOV	6.57
JUN	9.16	DEC	11.9

TOTAL DISCHARGE, 93.5 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

PERCH LAKE INLET NO. 5 NEAR CHALK RIVER - STATION NO. 02KA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.001	0	0	0.004	0.002	0.003	0.001	0	0	0	0	0.002	1
2	0.001	0	0	0.003	0.002	0.002	0.001	0	0	0	0	0.003	2
3	0.001	0	0	0.003	0.002	0.002	0.001	0	0	0	0.001	0.003	3
4	0.001	0	0	0.003	0.001	0.001	0.001	0	0	0	0.001	0.003	4
5	0.001	0	0	0.003	0.001	0.001	0	0	0	0	0.001	0.004	5
6	0.001	0	0	0.002	0.001	0.001	0	0	0	0	0.001	0.005	6
7	0.001	0	0	0.002	0.001	0.001	0	0	0	0	0.001	0.003	7
8	0.001	0	0	0.002	0.001	0.001	0	0	0	0	0.001	0.002E	8
9	0.001	0	0	0.002	0.001	0.001	0	0	0	0	0.001	0.001E	9
10	0.001	0	0	0.002	0.001	0.001	0	0	0	0	0.001	0.001E	10
11	0.001	0	0	0.002	0.001	0.001	0	0	0	0	0.001	0.001E	11
12	0	0	0	0.003	0.001	0	0	0	0	0	0.001	0.001E	12
13	0	0	0.001E	0.006	0.001	0	0	0	0	0	0.001	0.001E	13
14	0	0	0.001	0.007	0.001	0	0	0	0	0	0.001	0.001E	14
15	0	0	0.001	0.010	0.001	0.001	0	0	0	0	0.001	0.001E	15
16	0	0	0.001	0.020	0.001	0.002	0	0	0	0	0.001	0.002E	16
17	0	0	0.001	0.027	0.001	0.001	0	0	0	0	0.001	0.001E	17
18	0	0	0.001	0.009	0.001	0.001	0	0	0	0	0.001	0.001E	18
19	0	0	0.001	0.006	0.001	0.003	0	0	0	0	0.001	0.001E	19
20	0	0	0.001	0.008	0.001	0.003	0	0	0	0	0.001	0.001	20
21	0	0	0.001	0.006	0.001	0.002	0	0	0	0	0.001	0.001	21
22	0	0	0.001	0.005	0.001	0.003	0	0	0	0	0.001	0.001	22
23	0	0	0.001	0.007	0.001	0.003	0	0	0	0	0.001	0.001	23
24	0	0	0.001	0.006	0.001	0.002	0	0	0	0	0.001	0.001	24
25	0	0	0.001	0.005	0.001	0.002	0	0	0	0	0.001	0.004	25
26	0	0	0.001	0.004	0.001	0.002	0	0	0	0	0.001	0.005	26
27	0	0	0.001	0.003	0.001	0.001	0	0	0	0	0.001E	0.003	27
28	0	0	0.001	0.003	0	0.001	0	0	0	0	0.001E	0.005	28
29	0		0.001	0.002	0	0.001	0	0	0	0	0.001	0.004	29
30	0		0.001	0.002	0.001	0.001	0	0	0	0	0.001	0.003	30
31	0		0.002		0.007		0	0		0		0.002	31
TOTAL	0.011	0	0.030	0.167	0.038	0.044	0.004	0	0	0	0.028	0.069	TOTAL
MEAN	0	0	0.001	0.006	0.001	0.001	0	0	0	0	0.001	0.002	MEAN
MAX	0.001	0	0.002	0.027	0.007	0.003	0.001	0	0	0	0.001	0.005	MAX
MIN	0	0	0	0.002	0	0	0	0	0	0	0	0.001	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.027 ON APR 17
MINIMUM DAILY, 0 ON JAN 12
MAXIMUM INSTANTANEOUS,
0.035 AT 08:15 EST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 01 58 N
LONG 77 22 43 W
DRAINAGE AREA, 0.13 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0.95	JUL	0.35
FEB	0	AUG	0
MAR	1.73	SEP	0
APR	10.4	OCT	0
MAY	3.28	NOV	2.42
JUN	3.89	DEC	5.88

TOTAL DISCHARGE, 33.8 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

PERCH LAKE OUTLET NEAR CHALK RIVER - STATION NO. 02KA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.032	0.025	0.031	0.075	0.143	0.186	0.044	0	0	0.041	0.018	0.058	1
2	0.030	0.023	0.033	0.097	0.120	0.178	0.042	0	0.001	0.038	0.019	0.064	2
3	0.029	0.025	0.033	0.121	0.103	0.154	0.039	0	0.001	0.036	0.031	0.084	3
4	0.037	0.028	0.034	0.122	0.088	0.138	0.034	0	0.001	0.033	0.051	0.105	4
5	0.036	0.026	0.035	0.111	0.077	0.101	0.028	0	0.001	0.029	0.065	0.132	5
6	0.034	0.026	0.033	0.095	0.074	0.081	0.024	0	0.001	0.027	0.066	0.159	6
7	0.032	0.026	0.033	0.079	0.068	0.067	0.024	0	0.001	0.029	0.060	0.150	7
8	0.031	0.023	0.030	0.070	0.073	0.057	0.020	0	0.001	0.039	0.056	0.129	8
9	0.030	0.022	0.029	0.066	0.068	0.046	0.015	0	0.001	0.045	0.050	0.104	9
10	0.029	0.021	0.029	0.068	0.061	0.041	0.012	0	0.001	0.043	0.045	0.083	10
11	0.028	0.020	0.029	0.073	0.055	0.039	0.010	0	0.001	0.041	0.044	0.071	11
12	0.026	0.019	0.027	0.087	0.049	0.032	0.009	0	0.001	0.042	0.057	0.063	12
13	0.024	0.019	0.034	0.149	0.044	0.028	0.006	0	0.001	0.041	0.054	0.055	13
14	0.023	0.019	0.034	0.181	0.040	0.025	0.007	0	0.002	0.040	0.052	0.050	14
15	0.022	0.017	0.035	0.225	0.037	0.034	0.007	0	0.002	0.044	0.051	0.047	15
16	0.022	0.017	0.033	0.291	0.033	0.052	0.006	0	0.002	0.039	0.046	0.058	16
17	0.021	0.017	0.032	0.390	0.029	0.056	0.006	0	0.003	0.036	0.044	0.054	17
18	0.019	0.017	0.032	0.413	0.026	0.058	0.005	0	0.010	0.034	0.040	0.049	18
19	0.018	0.019	0.032	0.377	0.027	0.105	0.004	0	0.011	0.032	0.038	0.053	19
20	0.017	0.020	0.032	0.356	0.036	0.143	0.002	0	0.016	0.034	0.039	0.053	20
21	0.016	0.020	0.034	0.333	0.033	0.155	0.002	0	0.021	0.030	0.052	0.048	21
22	0.015	0.020	0.034	0.292	0.020	0.162	0.001	0	0.023	0.027	0.054	0.046	22
23	0.022	0.021	0.034	0.271	0.019	0.169	0.001	0	0.023	0.024	0.062	0.043	23
24	0.021	0.020	0.034	0.259	0.019	0.154	0	0	0.023	0.023	0.072	0.051	24
25	0.020	0.020	0.037	0.241	0.019	0.148	0	0	0.028	0.021	0.067	0.070	25
26	0.019	0.020	0.044	0.226	0.018	0.117	0	0	0.027	0.020	0.066	0.083	26
27	0.018	0.022	0.043	0.220	0.017	0.090	0	0	0.015	0.018	0.060	0.090	27
28	0.019	0.025	0.041	0.216	0.017	0.073	0	0	0.016	0.018	0.053	0.116	28
29	0.018		0.041	0.198	0.017	0.064	0	0	0.019	0.017	0.056	0.133	29
30	0.019		0.042	0.165	0.026	0.054	0	0	0.036	0.016	0.055	0.129	30
31	0.022		0.056		0.125		0	0		0.015		0.113	31
TOTAL	0.749	0.595	1.080	5.854	1.561	2.791	0.348	0	0.289	0.977	1.519	2.543	TOTAL
MEAN	0.024	0.021	0.035	0.195	0.050	0.093	0.011	0	0.010	0.032	0.051	0.082	MEAN
MAX	0.037	0.028	0.056	0.413	0.143	0.186	0.044	0	0.036	0.045	0.072	0.159	MAX
MIN	0.015	0.017	0.027	0.066	0.017	0.025	0	0	0	0.015	0.014	0.043	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.050
MAXIMUM DAILY, 0.413 ON APR 18
MINIMUM DAILY, 0 ON JUL 24
MAXIMUM INSTANTANEOUS,
0.426 AT 23:45 EST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 08 N
LONG 77 22 15 W
DRAINAGE AREA, 6.03 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	68.7	JUL	30.1
FEB	51.6	AUG	0
MAR	93.3	SEP	25.0
APR	506	OCT	84.4
MAY	135	NOV	131
JUN	241	DEC	220

TOTAL DISCHARGE, 1 580 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

PUTAHAWA RIVER NEAR PUTAHAWA - STATION NO. 02HB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.2	29.2	22.6	31.3	230	63.3	44.5	15.4	7.62	21.8	23.1	98.8	1
2	33.8	28.5	22.8	33.5	226	63.3	42.5	15.8	8.72	21.8	23.8	96.8	2
3	31.9	29.2	22.5	36.3	216	59.8	40.8	14.4	9.17	21.5	23.8	94.8	3
4	32.8	29.5	22.3	38.9	205	54.6	39.1	13.8	9.73	21.8	24.2	92.8	4
5	33.7	29.3	22.6	39.5	194	51.1	36.7	13.5	10.6	21.4	25.6	83.8	5
6	33.1	29.4	22.8	41.8	183	47.9	34.6	13.1	11.7	21.0	28.8	72.4	6
7	32.4	29.3	23.0	41.7	173	44.8	33.5	12.8	12.0	20.7	29.9	63.8	7
8	31.4	29.2	23.8	42.9	165	42.4	32.8	12.5	12.4	21.4	32.0	58.0	8
9	30.9	29.0	23.3	43.5	156	40.3	31.0	12.3	12.6	21.6	33.2	55.5	9
10	30.1	28.6	22.3	43.9	147	38.3	29.7	11.8	12.7	21.7	33.8	55.8	10
11	29.8	27.9	22.3	44.9	139	37.4	28.5	11.2	12.8	22.4	34.4	55.2	11
12	29.3	27.6	22.1	45.7	131	36.7	27.5	10.9	12.8	23.8	36.1	51.6	12
13	29.0	27.0	22.4	48.3	122	36.4	26.9	10.6	12.8	23.8	38.2	85.4	13
14	29.2	26.4	23.1	52.3	113	35.8	26.3	10.2	12.5	23.2	40.8	83.8	14
15	29.2	25.9	23.7	58.0	106	35.6	26.2	9.77	13.8	23.5	43.6	85.8	15
16	29.4	25.6	24.8	67.7	99.3	38.2	25.8	9.40	14.4	23.4	48.9	83.6	16
17	29.1	25.1	24.0	85.4	92.9	39.6	25.0	8.96	15.1	23.2	45.7	75.4	17
18	28.8	24.6	24.2	115	87.5	40.6	24.3	8.56	17.3	23.0	46.6	75.3	18
19	28.8	24.6	24.6	137	82.9	42.6	23.4	8.43	17.9	23.2	46.8	67.5	19
20	27.5	24.4	24.6	148	78.8	46.9	22.2	8.40	18.2	23.3	47.4	75.3	20
21	27.4	24.8	25.1	160	74.2	53.0	21.8	8.13	19.1	23.9	48.7	78.1	21
22	27.2	23.6	25.6	170	70.1	56.7	20.2	7.98	19.7	23.6	49.2	78.3	22
23	27.2	23.8	25.3	176	66.6	58.4	19.3	7.95	19.9	23.6	49.3	80.5	23
24	27.2	23.7	25.5	184	63.6	57.9	18.2	8.01	20.1	23.3	51.2	87.1	24
25	27.0	23.8	26.2	196	61.3	58.1	17.2	8.13	20.3	23.7	50.8	76.3	25
26	27.8	23.4	27.1	211	59.5	57.1	16.4	8.17	20.1	23.4	51.0	72.4	26
27	26.9	23.1	26.8	226	57.2	54.7	15.6	8.17	20.1	23.3	51.2	74.0	27
28	27.0	22.8	26.7	237	54.9	52.3	14.9	8.07	20.4	23.1	50.4	79.4	28
29	27.3		26.7	243	52.6	49.6	14.8	7.81	20.8	23.0	50.9	87.8	29
30	27.8		27.2	241	51.0	47.3	14.9	7.58	20.5	22.7	50.9	96.6	30
31	28.3		28.1		55.8		15.3	7.42		22.5		104	31
TOTAL	910.1	738.4	750.3	3 239.6	3 617.4	1 939.9	808.7	318.17	455.98	701.8	1 200.7	2 398.0	TOTAL
MEAN	29.4	26.4	24.2	108	117	48.0	26.1	10.3	15.2	22.6	40.0	77.4	MEAN
MAX	33.2	29.5	28.1	243	234	63.3	44.5	15.8	20.5	23.9	51.2	104	MAX
MIN	26.9	22.8	22.1	31.3	51.0	35.6	14.8	7.42	7.62	20.7	21.6	50.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 65.6
MAXIMUM DAILY, 243 ON APR 29
MINIMUM DAILY, 7.42 ON AUG 31
MAXIMUM INSTANTANEOUS,
244 AT 05:46 EST ON APR 30

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 53 17 N
LONG 77 10 30 W
DRAINAGE AREA, 4 120 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	78 600	JUL	69 900
FEB	63 800	AUG	27 500
MAR	64 800	SEP	39 400
APR	280 000	OCT	60 600
MAY	313 000	NOV	104 000
JUN	124 000	DEC	207 000

TOTAL DISCHARGE, 1 030 000 dam³

PIC RIVER NEAR MARATHON - STATION NO. 02BB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.15B	5.63B	4.66B	4.30B	233 E	78.6	50.7	26.6	30.7	57.6	108	77.5B	1
2	7.08B	5.58B	4.64B	4.27B	240 E	78.3	47.1	25.8	32.0	55.6	90.8	76.5B	2
3	7.04B	5.54B	4.60B	4.24B	287 E	78.4	33.4	25.0	39.5	58.7	82.6	88.0B	3
4	7.00B	5.50B	4.56B	4.26B	325 E	78.3	29.3	27.1	45.0	59.3	76.5	88.5B	4
5	6.95B	5.46B	4.53B	4.28B	361	77.0	26.6	28.4	46.9	55.8	72.0	90.0B	5
6	6.90B	5.42B	4.50B	4.30B	392	66.0	29.0	25.5	35.3	56.2	68.2	88.0B	6
7	6.84B	5.38B	4.48B	4.32B	452	51.6	48.3	25.1	31.6	138	64.9	86.0B	7
8	6.78B	5.35B	4.46B	4.35B	448	47.8	55.7E	24.9	28.7	153	62.4	80.0B	8
9	6.72B	5.32B	4.44B	4.40B	385	57.0	54.0E	25.0	27.4	136	59.2	76.0B	9
10	6.66B	5.28B	4.42B	4.45B	312	67.3	53.0E	27.7	26.6	132	53.6	73.5B	10
11	6.60B	5.24B	4.40B	4.50B	306	84.6	76.0E	29.2	25.9	134	53.1	69.5B	11
12	6.55B	5.20B	4.38B	4.55B	281	91.1	105 E	29.4	29.1	138	54.5	65.5B	12
13	6.50B	5.17B	4.36B	4.65B	268 E	83.2	150 E	27.9	37.4	153	48.7	63.5B	13
14	6.45B	5.13B	4.34B	4.70B	253 E	75.4	147 E	26.2	44.5	153	33.2	60.5B	14
15	6.40B	5.09B	4.32B	4.88B	241 E	72.2	133 E	24.6	47.9	143	37.4	58.5B	15
16	6.35B	5.06B	4.30B	4.95B	227 E	73.3	121 E	23.4	46.3	198	45.3	55.5B	16
17	6.30B	5.03B	4.28B	5.10B	216 E	71.3	112 E	22.6	43.3	125	48.2	53.5B	17
18	6.25B	5.00B	4.26B	5.35B	202 E	70.7	104 E	21.8	41.7	108	47.1	51.0B	18
19	6.20B	4.97B	4.24B	5.75B	192 E	65.5	99.2	21.6	43.7	102	50.7	49.5B	19
20	6.15B	4.94B	4.22B	6.90B	181 E	60.3	88.4	22.7	53.1	105	95.8	47.5B	20
21	6.10B	4.93B	4.20B	9.00B	170 E	56.2	80.0	23.4	53.2	108	205	45.5B	21
22	6.05B	4.89B	4.20B	13.0 B	160 E	65.9	75.2	22.5	52.5	104	221	44.0B	22
23	6.02B	4.86B	4.18B	18.5	151	87.9	74.0	21.6	49.8	102	209	42.5B	23
24	5.98B	4.83B	4.18B	28.1	132	87.5	69.2	21.4	48.8	108	181	40.5B	24
25	5.95B	4.80B	4.16B	62.3	119	89.9	62.4	20.8	49.3	112	155	39.3B	25
26	5.92B	4.76B	4.16B	113	113	102	53.1	21.9	45.9	113	133 B	37.0B	26
27	5.86B	4.72B	4.14B	124	101	88.4	46.5	24.1	42.4	111	118 B	36.7B	27
28	5.82B	4.70B	4.14B	135	94.8	76.0	42.3	24.2	39.5	107	104 B	35.3B	28
29	5.78B		4.14B	168	85.8	66.9	35.8	24.1	40.2	105	93.0B	34.0B	29
30	5.73B		4.16B	213	79.1	58.2	30.3	24.7	53.6	117	84.5B	33.7B	30
31	5.68B		4.18B		78.6		27.9	32.5		110		31.8B	31
TOTAL	197.76	143.79	134.25	965.17	7 095.3	2 287.0	2 154.2	802.9	1 235.0	3 371.2	2 739.7	1 806.2	TOTAL
MEAN	6.38	5.14	4.33	32.3	229	73.6	69.5	25.9	40.8	109	91.3	58.3	MEAN
MAX	7.15	5.63	4.66	213	452	182	150	36.1	53.6	153	221	98.6	MAX
MIN	5.68	4.70	4.14	4.20	78.6	47.8	26.6	20.8	25.9	55.6	33.2	31.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 63.6
MAXIMUM DAILY, 452 ON MAY 7
MINIMUM DAILY, 4.14B ON MAR 28
MAXIMUM INSTANTANEOUS,
461 AT 14:13 EST ON MAY 7

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 46 26 N
LONG 86 17 49 W
DRAINAGE AREA, 4 270 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 100	JUL	186 000
FEB	13 000	AUG	69 000
MAR	11 600	SEP	106 000
APR	83 700	OCT	291 000
MAY	613 000	NOV	237 000
JUN	191 000	DEC	156 000

TOTAL DISCHARGE, 1 970 000 dam³

PIGEON RIVER AT MIDDLE FALLS - STATION NO. 02AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.03E	2.03E	2.69E	5.24E	66.0	23.7	6.99	7.59	4.30	4.81	23.1	24.1B	1
2	2.03E	2.03E	2.69E	5.80E	62.6	23.1	6.68	7.33	4.33	4.98	21.5	22.7B	2
3	2.03E	2.03E	2.69E	6.65E	58.6	21.9	6.77	6.97	4.47	5.41	24.4	21.2B	3
4	2.03E	2.03E	2.69E	7.08E	56.1	20.2	7.67	6.65	4.64	5.55	30.0	19.8B	4
5	2.03E	2.03E	2.69E	7.22E	59.7	18.8	9.23	6.43	4.45	5.52	33.4	18.7B	5
6	2.03E	2.03E	2.66E	7.08E	59.5	17.4	11.1	6.46	4.05	7.65	34.3	17.8B	6
7	2.03E	2.03E	2.61E	7.08E	57.2	16.3	25.4	8.30	3.77	30.6	32.3	17.0B	7
8	2.03E	2.03E	2.61E	6.94E	51.0	15.6	25.4	9.91	3.51	39.4	30.6	16.1B	8
9	2.03E	2.03E	2.61E	6.94E	45.0	15.7	20.4	9.60	3.34	32.8	28.6	15.6B	9
10	2.03E	2.03E	2.61E	6.80E	50.1	16.3	17.4	8.98	3.37	56.6 E	27.8	15.0B	10
11	2.03E	2.03E	2.61E	6.80E	59.5	16.3	17.5	8.04	3.31	70.8 E	27.7	14.7B	11
12	2.03E	2.03E	2.66E	7.08E	56.4	15.6	16.9	7.19	3.54	62.3 E	27.5	14.4B	12
13	2.03E	2.03E	2.72E	7.93E	60.3	14.2	17.7	6.98	4.30	53.8 E	23.8	14.2B	13
14	2.03E	2.03E	2.78E	11.9 E	66.8	13.5	18.0	6.26	5.75	45.3 E	22.8	13.9B	14
15	2.03E	2.03E	2.83E	17.0 E	62.0	13.1	17.9	6.00	6.34	37.7	23.8	13.9B	15
16	2.03E	2.03E	2.97E	21.2 E	55.5	12.9	16.5	5.78	5.72	32.3	24.4	13.6B	16
17	2.03E	2.03E	3.11E	26.9 E	51.3	12.5	15.1	5.58	5.32	28.6	22.0	13.3B	17
18	2.03E	2.03E	3.34E	36.0 E	59.7	11.6	15.9	5.44	5.35	26.8	20.7	13.3B	18
19	2.03E	2.03E	3.45E	41.9 E	62.9	11.0	15.2	5.27	5.75	26.7	23.6	13.0B	19
20	2.03E	2.03E	3.57E	46.2 E	56.9	10.5	13.5	5.07	5.80	26.7	45.0	13.0B	20
21	2.03E	2.03E	3.68E	37.9 E	50.7	10.4	12.0	5.07	5.66	25.5	78.8E	12.7B	21
22	2.03E	2.03E	3.74E	27.4 E	45.3	10.3	11.1	5.38	5.35	24.3	62.3E	12.7B	22
23	2.03E	2.03E	3.79E	56.6 E	41.1	9.91	10.4	5.44	4.98	22.9	53.8E	12.5B	23
24	2.03E	2.03E	3.85E	95.4 E	37.7	9.49	9.91	5.41	4.96	21.8	45.3E	12.5B	24
25	2.03E	2.69E	3.91E	143	34.8	9.23	9.32	5.44	5.10	20.8	36.8E	12.2B	25
26	2.03E	2.69E	3.91E	145	32.6	8.89	8.98	5.27	5.18	19.9	34.0E	12.2B	26
27	2.03E	2.69E	3.96E	116	30.6	8.30	8.86	5.10	4.93	18.9	31.1B	12.2B	27
28	2.03E	2.69E	4.08E	88.9	28.9	7.96	9.57	4.84	4.67	18.1	28.3B	11.9B	28
29	2.03E		4.19E	74.8	27.4	7.73	9.66	4.76	4.67	22.6	26.9B	11.9B	29
30	2.03E		4.36E	71.1	26.2	7.39	8.72	4.50	4.70	26.3	25.5B	11.6B	30
31	2.03E		4.59E		25.0		8.13	4.33		25.0		11.6B	31
TOTAL	87.73	78.68	100.67	1 148.64	1 539.4	489.80	407.89	194.87	141.61	850.42	962.1	459.3	TOTAL
MEAN	2.83	2.81	3.25	38.3	49.7	13.7	13.2	6.29	4.72	27.4	32.1	14.8	MEAN
MAX	2.83	2.83	4.59	145	66.8	23.7	25.4	9.91	6.34	70.8	78.8	24.1	MAX
MIN	2.83	2.69	2.61	5.24	25.0	7.39	6.68	4.33	3.31	4.81	20.7	11.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.5
MAXIMUM DAILY, 145 ON APR 26
MINIMUM DAILY, 2.61E ON MAR 8

SUMMARY FOR THE YEAR 1982

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 44 N
LONG 89 36 58 W
DRAINAGE AREA, 1 550 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 580	JUL	35 200
FEB	6 800	AUG	16 800
MAR	8 700	SEP	12 200
APR	99 200	OCT	73 500
MAY	133 000	NOV	83 100
JUN	35 400	DEC	39 700

TOTAL DISCHARGE, 551 000 dam³

PINE RIVER AT LURGAN - STATION NO. 02FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.999B	0.265B	0.243B	19.5	0.404E	1.20	0.877	0.032	0.068	0.320	0.107	7.49	1
2	1.77 B	0.260B	0.241B	7.52	0.365E	1.51	0.659	0.031	0.072	0.251	2.06	6.23	2
3	3.56	0.257B	0.239B	8.56	0.329E	1.10	0.529	0.031	0.071	0.205	6.97	12.4	3
4	7.83	0.254B	0.236B	5.04	0.299E	0.741	0.450	0.113	0.068	0.162	3.92	13.0	4
5	14.0	0.250B	0.233B	3.77	0.278E	0.589	0.370	0.130	0.055	0.119	2.10	9.56	5
6	7.72	0.248B	0.229B	3.71	0.254E	0.508	0.297	0.083	0.056	0.092	1.52	12.8	6
7	4.46	0.246B	0.226B	2.93 E	0.242E	0.463	0.235	0.065	0.054	0.080	1.42	6.80	7
8	2.58 B	0.244B	0.221B	2.75 E	0.201E	0.611	0.185	4.57	0.045	0.073	1.28	3.98	8
9	1.91 B	0.242B	0.218B	2.79 E	0.258E	0.450	0.123	2.89	0.037	0.063	1.04	2.83	9
10	1.43 B	0.241B	0.253B	2.95 E	0.240E	0.368	0.094	1.09	0.035	0.055	0.823	1.83B	10
11	1.08 B	0.239B	0.764B	2.73 E	0.221E	0.297	0.096	0.556	0.032	0.054	0.751	1.73B	11
12	0.917B	0.238B	1.08 B	3.62 E	0.204E	0.250	0.082	0.345	0.025	0.046	2.05	1.50B	12
13	0.882B	0.240B	4.02 B	3.65 E	0.183E	0.202	0.059	0.240	0.021	0.042	5.51	1.37B	13
14	0.694B	0.244B	15.3 B	3.96	0.163E	0.162	0.052	0.162	0.020	0.045	3.15	1.20	14
15	0.625B	0.248B	42.3	3.11	0.149E	6.46	0.040	0.092	0.019	0.051	2.12	1.40	15
16	0.563B	0.268B	29.8	2.95	0.132E	19.8	0.029	0.068	0.018	0.048	1.59	11.9	16
17	0.517B	0.277B	25.0 B	3.94	0.126E	7.61	0.025	0.054	0.021	0.051	1.44	7.88B	17
18	0.475B	0.276B	18.4 B	3.49	0.140E	3.89	0.025	0.039	0.397	0.060	1.44	3.78B	18
19	0.442B	0.274B	15.9 B	2.14 E	0.162E	12.9	0.024	0.029	0.687	0.099	1.40	2.82	19
20	0.413B	0.272B	13.7 B	1.55 E	0.190E	13.5	0.024	0.028	0.493	0.119	2.28	2.39	20
21	0.386B	0.270B	11.8 B	2.20 E	0.168E	27.6	0.019	0.025	0.329	0.088	4.67	3.17	21
22	0.371B	0.269B	10.4 B	1.77 E	0.148E	11.7	0.017	0.022	0.256	0.089	4.17	2.52	22
23	0.518B	0.265B	13.8 B	1.45 E	0.170E	6.80	0.015	0.037	0.244	0.084	3.86	2.79	23
24	0.409B	0.260B	19.1	1.28 E	0.144E	3.39	0.009	0.037	0.235	0.077	10.6	18.1	24
25	0.336B	0.258B	16.8	0.984E	0.128E	3.10	0.007	0.311	0.240	0.069	6.16	26.4	25
26	0.303B	0.255B	9.66	0.802E	0.114E	8.78	0.007	0.463	0.218	0.061	3.67	15.0	26
27	0.296B	0.252B	5.31	0.688E	0.108E	4.94	0.007	0.337	0.251	0.056	2.56	8.00	27
28	0.288B	0.250B	4.45	0.844E	0.202E	2.73	0.047	0.236	0.435	0.053	2.08	6.24	28
29	0.281B		5.02	0.561E	0.305E	1.75	0.051	0.137	0.581	0.048	11.5	6.23	29
30	0.276B		12.4	0.464E	0.422E	1.22	0.034	0.097	0.425	0.046	12.7	5.35	30
31	0.272B		60.1		0.570E		0.046	0.081		0.047		2.13B	31
TOTAL	56.514	7.162	340.243	100.683	7.098	103.821	4.534	12.431	5.424	2.753	104.941	206.82	TOTAL
MEAN	1.82	0.256	11.0	3.36	0.229	4.79	0.146	0.401	0.181	0.089	3.50	6.67	MEAN
MAX	14.0	0.277	60.1	19.5	0.570	27.6	0.877	4.57	0.687	0.320	12.7	26.4	MAX
MIN	0.272	0.238	0.218	0.464	0.108	0.162	0.007	0.022	0.018	0.042	0.107	1.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.72
MAXIMUM DAILY, 60.1 ON MAR 31
MINIMUM DAILY, 0.007 ON JUL 25
MAXIMUM INSTANTANEOUS,
91.6 AT 08:30 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 05 40 N
LONG 81 43 31 W
DRAINAGE AREA, 154 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 880	JUL	392
FEB	619	AUG	1 070
MAR	29 400	SEP	469
APR	8 700	OCT	238
MAY	613	NOV	9 070
JUN	12 400	DEC	17 900

TOTAL DISCHARGE, 85 800 dam³

PINE RIVER NEAR EVERETT - STATION NO. 02ED103

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.00B	1.48B	1.23B	19.4 A	4.28	2.32	2.05	1.70	1.44	1.27	1.68	4.08B	1
2	2.10B	1.50B	1.21B	14.0 E	4.15	2.37	1.96	1.91	1.44	1.23	2.23	2.35	2
3	2.30B	1.70B	1.21B	9.86A	4.01	2.35	1.88	2.11	1.50	1.19	2.86	2.94	3
4	2.50B	1.60B	1.21B	10.4	3.96	2.27	1.86	2.25	1.41	1.16	2.62	2.69	4
5	2.55B	1.57B	1.20B	7.61	3.80	2.17	1.81	1.95	1.35	1.16	2.65	2.70	5
6	2.70B	1.54B	1.20B	7.90	3.74	2.75	1.77	1.77	1.33	1.13	2.35	4.70	6
7	2.60B	1.51B	1.20B	7.31	3.69	2.48	1.74	1.66	1.36	1.13	2.20	3.22	7
8	2.40B	1.48B	1.19B	6.82	3.71	2.31	1.73	1.63	1.33	1.43	2.34	2.60	8
9	2.30B	1.45B	1.19B	5.75	3.62	2.21	1.65	1.68	1.28	1.28	2.23	2.48	9
10	2.20B	1.42B	1.19B	6.05	3.36	2.10	1.61	1.57	1.24	1.18	2.25B	3.36	10
11	2.15B	1.40B	1.40B	6.26	3.29	2.06	1.69	1.51	1.28	1.31	2.15B	2.72	11
12	2.10B	1.38B	1.65B	6.29	3.18	1.96	1.71	1.49	1.27	1.31	2.70B	2.69	12
13	2.00B	1.36B	2.50B	7.96	3.09	1.93	1.59	1.49	1.23	1.23	2.05B	2.77	13
14	1.95B	1.34B	3.50B	8.04	2.92	1.92	1.56	1.46	1.23	1.17	2.55B	2.81	14
15	1.85B	1.32B	3.20B	8.54	2.85	2.02	1.55	1.42	1.80	1.40	2.40E	2.83	15
16	1.80B	1.31B	3.50B	10.8	2.78	4.47	1.56	1.36	1.80	1.73	2.20E	4.53	16
17	1.78B	1.30B	3.80B	17.9	2.76	2.59	1.58	1.32	1.68	2.38	2.25E	3.59	17
18	1.74B	1.29B	3.60B	14.5	2.67	2.21	2.10	1.28	1.74	2.08	2.05E	2.75	18
19	1.72B	1.28B	3.40B	9.84	2.60	3.02	3.38	1.27	1.62	1.86	2.05E	2.61	19
20	1.70B	1.27B	3.30B	9.06	2.68	3.34	1.91	1.81	1.61	1.65	2.15E	2.53	20
21	1.68B	1.27B	3.60	9.47	2.57	6.97	1.68	1.60	1.32	1.55	2.40E	2.41	21
22	1.64B	1.26B	3.48	6.95	2.48	4.81	1.60	1.44	1.29	1.43	3.00E	2.33	22
23	1.60B	1.26B	3.65	6.13	2.77	3.74	1.58	1.64	1.31	1.36	2.75E	2.34	23
24	1.58B	1.25B	4.16	5.79	2.85	3.58	1.69	1.53	1.38	1.36	4.60E	3.46	24
25	1.56B	1.25B	4.67	5.51	2.62	2.37	1.46	3.44	1.33	1.31	3.35E	6.58	25
26	1.54B	1.24B	4.07	5.35	2.45	2.62	1.45	2.47	1.36	1.33	3.10E	5.77	26
27	1.53B	1.24B	3.48	5.92	2.33	2.48	1.58	1.77	1.60	1.32	2.60E	3.89	27
28	1.52B	1.23B	4.32	5.24	2.99	2.52	2.90	1.61	1.92	1.32	2.65E	3.69	28
29	1.51B		3.59	4.72	3.30	2.51	2.11	1.53	1.54	1.29	4.20E	3.57	29
30	1.50B		4.05	4.45	2.54	2.30	1.74	1.52	1.37	1.28	4.70E	2.86	30
31	1.49B		17.5		2.43		1.82	1.49		1.33		2.63	31
TOTAL	59.59	38.58	98.45	253.82	96.47	81.27	56.05	52.68	42.82	43.16	81.31	99.82	TOTAL
MEAN	1.92	1.38	3.18	8.43	3.11	2.71	1.81	1.70	1.43	1.39	2.71	3.22	MEAN
MAX	2.70	1.70	17.5	19.4	4.28	6.97	3.38	3.44	1.92	2.38	4.70	6.58	MAX
MIN	1.49	1.23	1.19	4.45	2.33	1.92	1.45	1.27	1.23	1.13	1.68	2.33	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.75
MAXIMUM DAILY, 19.4A ON APR 1
MINIMUM DAILY, 1.13 ON OCT 6
MAXIMUM INSTANTANEOUS,
26.0 AT 19:54 EST ON MAR 31

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 11 58 N
LONG 79 57 35 W
DRAINAGE AREA, 195 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 150	JUL	4 840
FEB	3 330	AUG	4 550
MAR	8 510	SEP	3 700
APR	21 900	OCT	3 730
MAY	8 340	NOV	7 030
JUN	7 020	DEC	8 620

TOTAL DISCHARGE, 86 700 dam³

PINEHUTA RIVER AT EYES LAKE - STATION NO. 04PA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.0 B	8.05B	6.45B	5.30B	50.0E	98.5E	109	38.5	63.5	67.6	96.5	34.5B	1
2	12.7 B	7.96B	6.42B	5.25B	70.0E	103 E	101	38.2	64.0	73.8	97.1	33.2B	2
3	12.4 B	7.90B	6.40B	5.20B	100 E	107	95.7	37.6	67.9	88.3	95.8	32.2B	3
4	12.1 B	7.80B	6.38B	5.10B	140 E	110	88.6	36.1	77.3	90.2	91.6	31.2B	4
5	11.9 B	7.72B	6.35B	5.05B	190 E	114	81.6	34.1	83.3	103	87.2	30.4B	5
6	11.7 B	7.65B	6.31B	5.02B	270 E	121	77.6	33.7	89.2	121	82.9	29.5B	6
7	11.5 B	7.60B	6.27B	4.97B	385 E	122	73.9	32.4	91.3	133	79.6	28.7B	7
8	11.2 B	7.52B	6.24B	4.93B	283 E	125	72.1	35.0	90.0	139	73.8	27.8B	8
9	11.0 B	7.45B	6.22B	4.93B	281 E	139	77.8	41.9	86.7	142	70.5	27.0B	9
10	10.8 B	7.40B	6.20B	4.87B	278 E	156	77.0	57.8	85.6	143	67.0	26.2B	10
11	10.6 B	7.32B	6.20B	4.82B	270 E	179	74.2	79.2	86.5	143	64.8	25.3B	11
12	10.4 B	7.25B	6.24B	4.78B	264 E	201	71.2	96.5	86.1	144	63.1	24.8B	12
13	10.3 B	7.21B	6.35B	4.76B	255 E	215	67.0	99.1	84.4	144	61.2	24.2B	13
14	10.1 B	7.18B	6.48B	4.75B	244 E	223	63.1	98.8	83.4	143	58.7	23.5B	14
15	9.95B	7.08B	6.57B	4.76B	238 E	223	61.6	99.0	82.4	139	56.6	22.9B	15
16	9.80B	7.04B	6.61B	4.78B	232 E	210	59.2	102	79.5	134	56.7	22.2B	16
17	9.61B	7.00B	6.62B	4.79B	228 E	200	57.9	98.3	76.7	131	53.7	21.5B	17
18	9.50B	6.95B	6.62B	4.81B	221 E	199	62.2	91.3	74.6	125	51.2	21.0B	18
19	9.40B	6.90B	6.59B	4.90B	216 E	189	60.5	84.1	72.7	120	50.0	20.3B	19
20	9.25B	6.85B	6.50B	5.19B	212 E	181	61.3	78.0	70.7	115	48.0B	19.8B	20
21	9.10B	6.80B	6.40B	5.30B	207 E	175	59.8	72.8	69.8	109	46.5B	19.4B	21
22	9.00B	6.77B	6.27B	5.70B	203 E	172	57.0	69.3	68.4	104	45.5B	18.7B	22
23	8.90B	6.72B	6.20B	6.20B	199 E	167	53.9	67.0	66.2	99.9	44.0B	18.2B	23
24	8.80B	6.67B	6.08B	6.70B	190 E	158	51.1	65.7	63.4	96.1	42.5B	17.7B	24
25	8.70B	6.63B	5.96B	7.40E	178 E	150	47.9	64.7	61.8	92.6	41.5B	17.4B	25
26	8.60B	6.60B	5.90B	9.00E	159 E	143	47.8	63.3	59.4	90.1	40.0B	16.9B	26
27	8.50B	6.56B	5.75B	13.5 E	141 E	135	47.1	62.5	56.2	87.7	38.7B	16.4B	27
28	8.40B	6.53B	5.65B	19.5 E	118 E	128	46.6	62.8	54.9	85.3	37.7B	16.0B	28
29	8.30B		5.55B	27.0 E	107 E	122	44.5	63.8	56.2	84.2	36.5B	15.6B	29
30	8.20B		5.45B	37.0 E	101 E	118	43.0	64.5	60.7	87.1	35.4B	15.3B	30
31	8.10B		5.40B		99.0E		42.0	63.9		92.9		14.9B	31
TOTAL	311.81	201.11	192.63	236.17	6 029.0	4 687.5	2 034.4	2 030.9	2 212.8	3 459.8	1 810.9	712.8	TOTAL
MEAN	10.1	7.18	6.21	7.87	194	156	65.6	65.5	73.8	112	60.4	23.0	MEAN
MAX	13.0	8.05	6.62	37.0	285	223	109	102	91.3	144	97.1	34.5	MAX
MIN	8.10	6.53	5.40	4.75	50.0	98.5	42.0	32.4	54.9	67.6	35.4	14.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 65.5
MAXIMUM DAILY, 285E ON MAY 7
MINIMUM DAILY, 4.75B ON APR 14

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 10 30 N
LONG 88 45 15 W
DRAINAGE AREA, 4 900 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 900	JUL	176 000
FEB	17 000	AUG	175 000
MAR	16 600	SEP	191 000
APR	20 400	OCT	299 000
MAY	531 000	NOV	156 000
JUN	405 000	DEC	61 600

TOTAL DISCHARGE, 2 070 900 dam³

PINEWOOD RIVER NEAR PINEWOOD - STATION NO. 05PC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1983

DAY	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0B	0	B	8.66	5.18	0.849	1.66	0.751	2.96	---	---	1
2	---	---	0B	0	B	8.03	4.96	0.662	1.65	0.663	3.62	---	---	2
3	---	---	0B	0	B	7.31	4.28	0.339	1.80	0.585	4.69	---	---	3
4	---	---	0B	0	B	7.90	3.67	0.393	1.54	0.439	4.07	---	---	4
5	---	---	0B	0	B	13.1	3.05	1.50	1.18	0.334	4.01	---	---	5
6	---	---	0B	0	B	13.7	2.75	5.87	4.49	0.281	6.26	---	---	6
7	---	---	0B	0	B	12.6	5.93	5.51	8.70	0.232	20.2	---	---	7
8	---	---	0B	0	B	10.0	7.29	4.46	6.25	0.197	14.9	---	---	8
9	---	---	0B	0	B	8.51	6.96	3.30	4.98	0.207	13.7	---	---	9
10	---	---	0B	0	B	7.63	9.33	2.64	3.69	0.262	18.4	---	---	10
11	---	---	0B	0	B	8.63	8.82	2.06	2.78	0.282	20.6	---	---	11
12	---	---	0B	0	B	8.62	7.90	1.59	2.06	0.156	19.2	---	---	12
13	---	---	0B	0	B	8.20	6.60	1.29	1.54	0.205	15.8	---	---	13
14	---	---	0B	0.938	B	8.44	5.45	1.13	1.19	0.275	12.3	---	---	14
15	---	---	0B	10.6	B	10.5	4.46	1.89	1.05	0.362	10.3	---	---	15
16	---	---	0B	28.2	B	11.7	3.57	6.56	0.910	0.319	8.50	---	---	16
17	---	---	0B	34.7	B	16.4	3.16	13.7	0.718	0.324	7.43	---	---	17
18	---	---	0B	38.9	B	24.0	2.72	17.6	0.751	0.513	7.28	---	---	18
19	---	---	0B	31.7	B	37.5	2.32	19.3	2.49	0.530	8.01	---	---	19
20	---	---	0B	25.4	B	32.6	2.16	11.7	2.05	0.572	7.55	---	---	20
21	---	---	0B	24.9	B	25.2	1.95	6.65	1.59	0.538	6.89	---	---	21
22	---	---	0B	19.0	B	19.2	1.68	5.13	1.84	0.422	6.08	---	---	22
23	---	---	0B	18.9	A	14.5	1.49	6.38	1.57	0.431	5.56	---	---	23
24	---	---	0B	17.4	E	11.6	1.41	5.55	1.38	0.481	5.08	---	---	24
25	---	---	0B	15.8	E	9.65	1.30	4.78	1.05	0.506	4.72	---	---	25
26	---	---	0B	14.3	E	8.32	1.11	3.73	0.925	0.474	4.48	---	---	26
27	---	---	0B	12.8	E	7.16	1.01	3.01	0.772	0.444	4.29	---	---	27
28	---	---	0B	11.3	E	6.13	1.08	2.36	0.657	2.12	4.13	---	---	28
29	---		0B	10.1	A	5.41	0.896	2.15	0.558	3.70	3.97	---	---	29
30	---		0B	9.22		5.51	0.736	2.34	0.516	3.36	3.73	---	---	30
31	---		0B			5.12		1.92	0.507		3.39		---	31
TOTAL	---	---	0	316.158		391.83	113.282	146.062	62.564	19.791	261.88	---	---	TOTAL
MEAN	---	---	0	10.5		12.6	3.77	4.71	2.02	0.660	8.45	---	---	MEAN
MAX	---	---	0	38.9		37.5	9.33	19.3	8.70	3.70	20.6	---	---	MAX
MIN	---	---	0	0		5.12	0.736	0.339	0.507	0.156	2.96	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.35
MAXIMUM DAILY, 38.9B ON APR 18
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
40.3B AT 06:00 CST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 45 10 N
LONG 94 14 00 W
DRAINAGE AREA, 461 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	12 600
FEB	---	AUG	5 410
MAR	0	SEP	1 710
APR	27 300	OCT	22 600
MAY	33 900	NOV	---
JUN	9 780	DEC	---

TOTAL DISCHARGE, 113 000 dam³

PIPESTONE RIVER ABOVE RAINY LAKE - STATION NO. 05PB015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	1.01	1.98	---	---	1
2	---	---	---	---	---	---	---	---	1.03	2.60	---	---	2
3	---	---	---	---	---	---	---	---	1.04	3.89	---	---	3
4	---	---	---	---	---	---	---	---	1.04	4.00	---	---	4
5	---	---	---	---	---	---	---	---	1.01	3.95	---	---	5
6	---	---	---	---	---	---	---	---	0.931	5.76	---	---	6
7	---	---	---	---	---	---	---	---	0.899	13.0	---	---	7
8	---	---	---	---	---	---	---	---	0.862	13.5	---	---	8
9	---	---	---	---	---	---	---	---	0.823	13.6	---	---	9
10	---	---	---	---	---	---	---	---	0.800	16.4	---	---	10
11	---	---	---	---	---	---	---	---	0.748	17.2	---	---	11
12	---	---	---	---	---	---	---	---	0.707	18.3	---	---	12
13	---	---	---	---	---	---	---	---	0.915	18.4	---	---	13
14	---	---	---	---	---	---	---	---	0.920	---	---	---	14
15	---	---	---	---	---	---	---	---	0.989	---	---	---	15
16	---	---	---	---	---	---	---	---	1.93	---	---	---	16
17	---	---	---	---	---	---	---	---	1.39	---	---	---	17
18	---	---	---	---	---	---	---	0.881	1.06	---	---	---	18
19	---	---	---	---	---	---	---	0.963	1.61	---	---	---	19
20	---	---	---	---	---	---	---	0.898	1.65	---	---	---	20
21	---	---	---	---	---	---	---	0.878	1.62	---	---	---	21
22	---	---	---	---	---	---	---	0.889	1.56	---	---	---	22
23	---	---	---	---	---	---	---	0.955	1.56	---	---	---	23
24	---	---	---	---	---	---	---	1.00	1.61	---	---	---	24
25	---	---	---	---	---	---	---	1.13	1.56	---	---	---	25
26	---	---	---	---	---	---	---	1.19	1.48	---	---	---	26
27	---	---	---	---	---	---	---	1.22	1.48	---	---	---	27
28	---	---	---	---	---	---	---	1.12	1.65	---	---	---	28
29	---		---	---	---	---	---	1.13	1.85	---	---	---	29
30	---		---	---	---	---	---	1.08	1.88	---	---	---	30
31	---		---		---		---	1.01		---		---	31
TOTAL	---	---	---	---	---	---	---	---	37.054	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	1.24	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	1.88	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	0.748	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 36 07 N
LONG 92 31 27 W
DRAINAGE AREA, 663 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	3 300
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

PIPESTONE RIVER AT KARL LAKE - STATION NO. 04DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.7B	12.0 B	9.85B	9.00B	52.0	158	136	38.0	50.9	63.5	81.5	29.2B	1
2	18.3B	11.9 B	9.80B	7.85B	93.2	155	128	34.5	54.3	69.2	76.6	28.3B	2
3	18.0B	11.8 B	9.75B	7.75B	131	152	119	33.8	57.6	67.8	72.8	27.8B	3
4	17.7B	11.7 B	9.70B	7.65B	180	154	112	31.6	59.2	74.0	69.6	27.0B	4
5	17.3B	11.6 B	9.78B	7.55B	232	153	107	31.2	61.5	87.2	67.0	26.6B	5
6	17.0B	11.5 B	9.65B	7.45B	270	152	101	31.5	61.9	98.5	64.6	25.9B	6
7	16.7B	11.4 B	9.60B	7.40B	298	152	95.4	31.5	61.8	108	63.4	25.2B	7
8	16.4B	11.3 B	9.55B	7.30B	316	161	90.9	34.0	62.8	113	59.4	24.6B	8
9	16.1B	11.2 B	9.50B	7.25B	324	160	88.2	38.1	63.4	122	56.5B	24.0B	9
10	15.9B	11.1 B	9.58B	7.20B	325	164	81.6	41.4	63.1	127	54.0B	23.7B	10
11	15.7B	11.0 B	9.55B	7.20B	327	180	76.2	44.2	61.9	132	52.0B	23.1B	11
12	15.4B	11.0 B	10.0 B	7.15B	325	188	71.6	46.6	62.2	135	50.5B	22.6B	12
13	15.2B	10.9 B	10.6 B	7.15B	315	196	69.8	48.0	62.6	137	49.5B	22.1B	13
14	15.0B	10.9 B	11.3 B	7.10B	301	205	66.6	49.6	62.1	138	47.5B	21.7B	14
15	14.8B	10.7 B	11.6 B	7.10B	288	215	63.1	50.9	61.2	137	46.0B	21.3B	15
16	14.6B	10.7 B	11.8 B	7.15B	272	224	60.7	53.0	60.9	135	44.5B	20.8B	16
17	14.4B	10.6 B	11.7 B	7.25B	259	231	61.6	54.3	61.9	132	43.5B	20.4B	17
18	14.2B	10.5 B	11.7 B	7.35B	249	233	62.4	53.8	63.6	129	42.0B	20.0B	18
19	14.0B	10.4 B	11.6 B	7.50B	245	231	61.2	53.5	65.3	126	40.5B	19.7B	19
20	13.8B	10.3 B	11.5 B	7.65B	243	227	58.1	53.4	65.9	124	39.5B	19.4B	20
21	13.6B	10.3 B	11.4 B	7.95B	242	223	56.4	52.2	67.1	121	38.3B	19.0B	21
22	13.4B	10.2 B	11.2 B	8.56	240	215	53.7	51.7	68.3	118	37.2B	18.7B	22
23	13.2B	10.2 B	10.9 B	10.9	240	206	50.4	51.2	67.3	113	36.1B	18.4B	23
24	13.1B	10.1 B	10.5 B	15.0	239	194	48.4	50.1	65.2	109	35.1B	18.1B	24
25	12.9B	10.1 B	10.1 B	19.3	234	184	47.7	49.4	62.8	107	34.1B	17.8B	25
26	12.8B	10.0 B	9.75B	21.4	227	175	46.4	49.4	61.8	103	33.2B	17.5B	26
27	12.7B	10.0 B	9.35B	21.7	216	171	43.9	50.2	60.5	93.8	32.3B	17.2B	27
28	12.5B	9.95B	8.95B	23.4	203	162	42.3	51.2	57.4	89.8	31.6B	17.0B	28
29	12.4B		8.55B	26.9	190	153	40.6	50.7	57.9	87.3	30.7B	16.8B	29
30	12.3B		8.30B	19.6	177	144	39.4	50.3	60.9	85.7	29.9B	16.6B	30
31	12.2B		8.10B		166		38.2	50.3		84.9		16.3B	31
TOTAL	460.3	303.25	315.05	322.71	7 420.0	5 518	2 217.8	1 407.4	1 852.9	3 360.7	1 459.6	666.8	TOTAL
MEAN	14.8	10.8	10.2	10.8	239	184	71.5	45.4	61.8	108	48.7	21.5	MEAN
MAX	18.7	12.0	11.8	26.9	327	233	136	54.3	68.3	138	81.5	29.2	MAX
MIN	12.2	9.95	8.10	7.10	52.0	144	38.2	31.2	50.9	63.5	29.9	16.3	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 69.3
MAXIMUM DAILY, 327 ON MAY 11
MINIMUM DAILY, 7.10B ON APR 14
MAXIMUM INSTANTANEOUS,
329 AT 20:01 EST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 50 N
LONG 90 11 20 W
DRAINAGE AREA, 5 960 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	39 800	JUL	192 000
FEB	26 200	AUG	122 000
MAR	27 200	SEP	160 000
APR	27 900	OCT	290 000
MAY	641 000	NOV	126 000
JUN	477 000	DEC	57 600

TOTAL DISCHARGE, 2 190 000 dam³

PORCUPINE RIVER AT HOYLE - STATION NO. 04ND004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.13B	1.04 B	0.680B	1.32B	52.0 E	3.96	1.06	1.69	1.40	5.32	7.78	3.11	1
2	1.12B	1.01 B	0.680B	1.38B	59.0 E	8.27	0.893	1.52	1.41	4.98	7.13	3.10	2
3	1.11B	0.990B	0.680B	1.42B	62.0 A	7.34	0.772	1.38	1.70	4.55	6.66	3.64	3
4	1.10B	0.965B	0.675B	1.46B	60.2	6.05	0.688	1.27	1.96	4.34	6.25	4.26	4
5	1.10B	0.940B	0.670B	1.49B	55.7	4.72	0.614	1.10	2.17	4.21	5.96	4.24	5
6	1.10B	0.905B	0.670B	1.51B	50.3	4.18	0.697	0.958	2.27	3.95	5.82	4.63	6
7	1.10B	0.885B	0.670B	1.52B	45.9	3.22	0.841	0.880	2.20	4.58	5.56	5.15	7
8	1.09B	0.865B	0.670B	1.58B	39.9	2.75	0.790	0.874	2.06	7.10	5.25	4.62	8
9	1.09B	0.845B	0.675B	1.62B	32.9	2.61	0.810	0.857	2.11	7.93	4.82	4.01	9
10	1.08B	0.820B	0.680B	1.68B	26.3	2.34	0.870	0.768	2.14	7.67	4.28	3.55	10
11	1.08B	0.790B	0.680B	1.76B	20.5	2.41	1.26	0.721	2.15	7.01	4.41	3.20	11
12	1.07B	0.770B	0.680B	1.90B	17.2	2.46	1.97	0.704	2.13	6.42	5.55	2.88	12
13	1.07B	0.750B	0.690B	2.10B	14.5	2.43	2.81	0.655	2.24	6.21	8.54	2.58	13
14	1.07B	0.740B	0.700B	2.50B	12.3	2.09	3.55	0.635	3.65	11.6	9.24	2.37	14
15	1.07B	0.725B	0.720B	3.23	10.6	1.79	5.10	0.544	5.04	13.9	8.03	2.23	15
16	1.07B	0.710B	0.735B	4.14	9.34	1.86	5.79	0.553	5.32	10.5	6.87	2.15	16
17	1.07B	0.700B	0.760B	5.72	8.16	1.85	16.4	0.553	5.57	13.8	6.25	2.05B	17
18	1.07B	0.685B	0.780B	7.39	7.31	1.85	19.0	0.667	6.18	12.6	5.74	2.02B	18
19	1.06B	0.680B	0.810B	8.46	6.96	1.76	16.6	0.898	6.67	11.4	5.40	1.98B	19
20	1.06B	0.680B	0.840B	9.43	8.12	1.65	13.8	0.777	7.92	19.8	5.83	1.96B	20
21	1.06B	0.690B	0.865B	9.65	8.86	1.56	10.7	0.782	10.4	38.4	7.72	1.93B	21
22	1.06B	0.695B	0.900B	9.56	8.21	1.45	8.26	0.765	11.1	36.1	8.14	1.91B	22
23	1.06B	0.700B	0.930B	9.63	7.32	1.38	6.48	0.829	10.4	34.2	7.68	1.90	23
24	1.06B	0.700B	0.970B	10.4	6.36	1.15	5.32	0.875	9.20	30.1	5.97	1.92	24
25	1.05B	0.702B	1.01 B	15.0	5.45	1.75	4.53	1.03	8.13	25.1	5.83	1.97	25
26	1.05B	0.700B	1.04 B	21.8	4.69	2.34	3.92	1.13	7.32	19.9	5.98	2.04	26
27	1.05B	0.695B	1.08 B	25.1 A	3.98	2.30	3.37	1.17	6.58	15.9	4.33	2.01	27
28	1.05B	0.690B	1.10 B	31.0 E	3.49	2.00	3.07	1.15	5.90	13.2	3.77	1.98	28
29	1.05B		1.17 B	39.0 E	3.03	1.69	2.82	1.13	5.46	11.4	3.44	1.98	29
30	1.05B		1.21 B	47.0 E	2.72	1.31	2.36	1.20	5.36	10.2	3.18	1.92	30
31	1.05B		1.27 B		2.42		1.98	1.81		8.87		1.79	31
TOTAL	33.30	22.867	25.690	279.75	655.52	82.42	147.115	29.825	145.84	412.86	179.52	85.12	TOTAL
MEAN	1.07	0.788	0.829	9.33	21.1	2.75	4.75	0.949	4.86	13.3	5.98	2.75	MEAN
MAX	1.13	1.04	1.27	47.0	62.0	8.27	19.0	1.69	11.1	36.1	9.24	5.15	MAX
MIN	1.05	0.680	0.670	1.32	2.42	1.15	0.614	0.544	1.40	3.95	3.18	1.79	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.75
MAXIMUM DAILY, 62.0A ON MAY 3
MINIMUM DAILY, 0.544 ON AUG 15
MAXIMUM INSTANTANEOUS,
62.9 AT 00:00 EST ON MAY 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 33 22 N
LONG 81 03 25 W
DRAINAGE AREA, 801 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 880	JUL	12 700
FEB	1 910	AUG	2 500
MAR	2 230	SEP	12 600
APR	24 200	OCT	35 700
MAY	56 600	NOV	15 500
JUN	7 120	DEC	7 350

TOTAL DISCHARGE, 181 000 dam³

REMARKS - THE FLOW IS CONTINUOUSLY AFFECTED BY BEAVER ACTIVITY AND A CONTROL DAM AT TAILINGS (NINE) DUMP SITE

RAINY LAKE NEAR FORT FRANCES - STATION NO. 05PB007

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	337.304	337.110	336.962	336.671	337.042	337.724	337.646	337.713	337.561	337.555	337.647	337.584	1
2	337.298	337.104	336.950	336.677	337.057	337.730	337.658	337.710	337.555	337.577	337.655	337.580	2
3	337.288	337.099	336.940	336.687	337.072	337.724	337.690	337.698	337.552	337.579	337.670	337.558	3
4	337.283	337.100	336.928	336.691	337.097	337.714	337.691	337.673	337.551	337.590	337.681	337.552	4
5	337.274	337.099	336.913	336.691	337.118	337.712	337.719	337.657	337.551	337.590	337.674	337.538	5
6	337.265	337.098	336.903	336.688	337.134	337.718	337.741	337.653	337.541	337.626	337.669	337.517	6
7	337.257	337.091	336.890	336.686	337.136	337.718	337.733	337.646	337.532	337.640	337.671	337.506	7
8	337.246	337.084	336.880	336.683	337.154	337.701	337.736	337.626	337.526	337.654	337.662	337.497	8
9	337.229	337.078	336.869	336.681	337.179	337.720	337.762	337.603	337.523	337.687	337.668	337.500	9
10	337.238	337.071	336.861	336.679	337.201	337.728	337.767	337.604	337.524	337.704	337.670	337.491	10
11	337.222	337.068	336.850	336.679	337.217	337.725	337.760	337.599	337.523	337.715	337.657	337.489	11
12	337.215	337.066	336.846	336.680	337.246	337.718	337.757	337.598	337.535	337.732	337.652	337.490	12
13	337.208	337.058	336.839	336.676	337.269	337.716	337.752	337.599	337.530	337.735	337.620	337.486	13
14	337.199	337.055	336.831	336.680	337.296	337.717	337.754	337.602	337.538	337.743	337.624	337.483	14
15	337.194	337.043	336.823	336.686	337.336	337.709	337.753	337.604	337.526	337.749	337.615	337.477	15
16	337.183	337.039	336.816	336.697	337.369	337.700	337.739	337.603	337.513	337.748	337.595	337.474	16
17	337.177	337.042	336.803	336.711	337.399	337.697	337.716	337.605	337.523	337.756	337.588	337.467	17
18	337.168	337.035	336.793	336.734	337.441	337.680	337.688	337.614	337.517	337.759	337.588	337.456	18
19	337.164	337.030	336.782	336.752	337.485	337.662	337.679	337.616	337.520	337.747	337.589	337.446	19
20	337.155	337.022	336.767	336.769	337.522	337.650	337.671	337.608	337.520	337.723	337.596	337.440	20
21	337.151	337.016	336.753	336.787	337.563	337.633	337.681	337.615	337.517	337.699	337.586	337.434	21
22	337.140	337.010	336.739	336.806	337.596	337.626	337.681	337.618	337.516	337.698	337.619	337.426	22
23	337.134	337.004	336.727	336.834	337.626	337.630	337.687	337.613	337.533	337.693	337.622	337.419	23
24	337.152	336.998	336.715	336.868	337.654	337.637	337.700	337.610	337.539	337.686	337.619	337.419	24
25	337.146	336.993	336.708	336.901	337.675	337.634	337.700	337.603	337.529	337.681	337.621	337.419	25
26	337.143	336.987	336.698	336.935	337.692	337.636	337.706	337.596	337.530	337.679	337.614	337.426	26
27	337.138	336.980	336.690	336.967	337.701	337.643	337.716	337.579	337.538	337.676	337.613	337.421	27
28	337.127	336.972	336.684	336.991	337.713	337.662	337.723	337.576	337.573	337.672	337.607	337.416	28
29	337.128		336.681	337.013	337.722	337.649	337.727	337.582	337.563	337.657	337.596	337.412	29
30	337.121		336.684	337.029	337.727	337.642	337.724	337.565	337.547	337.639	337.592	337.413	30
31	337.116		336.675		337.734		337.712	337.565		337.646		337.410	31
MEAN	337.197	337.048	336.806	336.768	337.393	337.684	337.715	337.618	337.535	337.679	337.629	337.472	MEAN
MAX	337.304	337.110	336.962	337.029	337.734	337.730	337.767	337.713	337.573	337.759	337.681	337.584	MAX
MIN	337.116	336.972	336.675	336.671	337.042	337.626	337.646	337.565	337.513	337.555	337.586	337.410	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 337.381
MAXIMUM DAILY, 337.767 ON JUL 10
MINIMUM DAILY, 336.671 ON APR 1
MAXIMUM INSTANTANEOUS,
337.812 AT 20:10 CST ON JUL 5

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 30 N
LONG 93 20 00 W

REGULATED SINCE 1909

WATER LEVELS ARE REFERRED TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

RAINY RIVER AT FORT FRANCES - STATION NO. 05PC019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	170	215	255	171	283	681	191	628	254	169	523	646	1
2	190	236	248	184	282	683	219	632	245	170	472	643	2
3	225	216	251	174	279	686	244	621	245	168	473	641	3
4	221	201	251	158	281	637	244	625	245	179	477	641	4
5	239	222	257	171	283	597	268	623	246	182	520	637	5
6	232	220	253	166	280	597	298	582	165	211	560	624	6
7	208	233	252	171	279	593	296	539	210	214	563	622	7
8	217	204	239	160	281	593	293	533	204	209	568	578	8
9	206	220	258	162	281	598	358	461	195	218	562	518	9
10	227	214	256	161	283	637	402	394	212	248	612	515	10
11	222	207	240	153	280	680	402	392	211	260	649	514	11
12	234	219	259	154	280	680	464	326	212	340	644	514	12
13	229	226	251	160	284	679	504	273	213	416	647	510	13
14	210	237	241	176	278	679	509	271	210	418	645	510	14
15	228	222	238	174	281	680	553	271	218	453	641	512	15
16	214	236	249	180	280	675	595	272	216	510	644	513	16
17	228	225	249	180	282	679	622	271	217	511	555	513	17
18	226	231	246	183	283	676	637	270	181	595	472	512	18
19	232	221	257	193	280	672	626	278	180	683	471	510	19
20	217	220	261	221	280	671	583	288	170	684	473	511	20
21	205	231	259	256	378	605	393	285	176	596	469	527	21
22	212	222	253	255	385	465	396	281	169	540	474	532	22
23	202	224	251	260	392	394	400	284	164	561	524	458	23
24	203	220	237	264	398	393	395	286	164	560	568	352	24
25	205	223	228	262	547	352	397	286	159	545	618	337	25
26	214	205	216	271	549	289	398	286	159	560	650	397	26
27	209	244	214	269	548	290	426	287	160	559	649	391	27
28	208	249	209	271	550	286	466	287	165	558	646	392	28
29	201		204	276	549	287	549	287	168	554	646	387	29
30	224		197	277	548	284	590	285	165	561	646	385	30
31	216		219		612		628	269		563		388	31
TOTAL	6 674	6 271	7 498	6 113	11 076	16 718	13 256	11 673	5 898	12 991	17 061	15 730	TOTAL
MEAN	215	224	242	204	357	557	428	377	197	419	569	507	MEAN
MAX	239	249	261	277	612	686	628	632	254	684	650	646	MAX
MIN	170	201	197	153	278	284	191	269	159	168	469	337	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 359
MAXIMUM DAILY, 686 ON JUN 3
MINIMUM DAILY, 153 ON APR 11

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 36 30 N
LONG 93 24 00 W
DRAINAGE AREA, 39 600 km²

REGULATED SINCE 1909

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	577 000	JUL	1 150 000
FEB	542 000	AUG	1 010 000
MAR	648 000	SEP	510 000
APR	528 000	OCT	1 120 000
MAY	957 000	NOV	1 470 000
JUN	1 440 000	DEC	1 360 000

TOTAL DISCHARGE, 11 300 000 dam³

RAINY RIVER AT MANITOU RAPIDS - STATION NO. 05PC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	255B	241B	269B	245	631E	793	323	657	306	225	643	7793	1
2	212B	241B	283B	219	600E	813	253	663	289	232	597	7789	2
3	227B	255B	269B	212	592E	804	277	660	279	237	578	767	3
4	255B	241B	283B	206B	555E	787	292	657	274	240	570	736	4
5	255B	227B	269B	204B	538E	736	294	654	273	254	583	728	5
6	269B	255B	283B	203B	603E	708	309	651	267	283	621	719	6
7	269B	255B	269B	202B	660E	699	340	612	221	337	651	708B	7
8	241B	255B	269B	201B	648E	697	357	589	240	382	657	680B	8
9	241B	241B	269B	200	623E	697	368	572	247	450	657	651B	9
10	241B	241B	283B	198	583E	725	439	487	238	510	663	625B	10
11	255B	241B	283B	200	572	793	467	487	238	572	708	600B	11
12	255B	241B	283B	193	592	818	484	438	242	620	725	589B	12
13	255B	241B	283B	193	603	816	544	354	244	719	714	578B	13
14	255B	255B	283B	218	609	804	572	314	242	739	694	566B	14
15	241B	255B	269B	276	646	790	609	303	242	736	682	561B	15
16	255B	241B	255B	382	719	779	629	300	246	765	685	555B	16
17	241B	255B	269B	501	787	767	677	300	253	756	680	552B	17
18	255B	255B	269B	609	813	759	688	303	252	748	600	544B	18
19	255B	255B	297B	699	838	753	688	303	244	810	572	538B	19
20	255B	241B	283B	790	906	745	665	303	238	821	586	538B	20
21	255B	241B	283B	943	957	731	541	311	228	793	617	538B	21
22	241B	255B	283B	1 070	971	657	481	317	230	714	668	552B	22
23	241B	241B	283B	997	886	544	467	320	218	691	716	552B	23
24	227B	255B	269B	929	801	487	462	317	216	688	762	481B	24
25	227B	241B	266	881	756	473	459	320	211	680	790	382B	25
26	227B	241B	252	864	796	402	456	323	205	668	821B	368B	26
27	241B	269B	246	827	787	362	456	320	204	663	821B	425B	27
28	241B	269B	237	773	765	354	493	320	212	660	821B	419B	28
29	227B		235	719	748	343	564	320	215	654	807B	419B	29
30	227B		225	668	731	337	595	317	221	654	793B	413B	30
31	241B		236		733		640	317		651		411B	31
TOTAL	7 582	6 944	8 335	14 822	22 089	19 973	14 889	13 061	7 235	17 952	20 500	17 742	TOTAL
MEAN	245	248	269	494	711	666	480	421	241	579	683	572	MEAN
MAX	269	269	297	1 070	971	818	688	663	306	821	821	779	MAX
MIN	212	227	225	193	538	337	253	300	204	225	572	368	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 469
MAXIMUM DAILY, 1 070 ON APR 22
MINIMUM DAILY, 193 ON APR 12
MAXIMUM INSTANTANEOUS,
1 090 AT 05:00 CST ON APR 22

SUMMARY FOR THE YEAR 1982

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 04 N
LONG 93 54 47 W
DRAINAGE AREA, 50 200 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	655 000	JUL	1 290 000
FEB	600 000	AUG	1 130 000
MAR	720 000	SEP	625 000
APR	1 280 000	OCT	1 550 000
MAY	1 910 000	NOV	1 770 000
JUN	1 730 000	DEC	1 530 000

TOTAL DISCHARGE, 14 800 000 dam³

RAISIN RIVER NEAR WILLIAMSTOWN - STATION NO. 02MC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.12B	1.27 B	0.960B	90.6 B	3.29	0.603	0.515	0.331	0.523	1.42	0.653	9.68	1
2	1.15B	1.29 B	0.950B	90.0 B	2.92	0.723	0.438	0.282	0.549	1.54	0.646	12.9	2
3	1.25B	1.22 B	0.940B	80.8	2.76	0.760	0.424	0.227	0.875	1.57	0.653	13.2	3
4	1.40B	1.25 B	0.935B	64.8 A	2.55	0.737	0.369	0.194	0.960	1.48	4.75	15.8	4
5	3.00B	1.19 B	0.975B	37.8 A	2.23	0.684	0.325	0.171	0.766	1.28	25.4	15.2	5
6	4.55B	1.14 B	1.00 B	20.2	1.94	0.713	0.278	0.149	0.672	1.08	20.8	12.2	6
7	5.20B	1.10 B	0.960B	14.3	1.82	0.728	0.241	0.131	0.686	1.00	12.3	9.64	7
8	4.90B	1.07 B	0.930B	11.0	1.71	0.633	0.219	0.142	0.673	1.05	7.81	7.15	8
9	4.45B	1.04 B	0.905B	7.82	2.99	0.537	0.193	0.172	0.586	1.14	6.19	5.63B	9
10	3.90B	1.02 B	0.886B	8.28	5.05	0.453	0.159	0.150	0.531	1.24	5.02	3.95B	10
11	3.44B	1.01 B	0.910B	11.5	4.24	0.397	0.126	0.129	0.473	1.20	4.32	3.38B	11
12	2.95B	1.00 B	1.15 B	12.8	3.30	0.369	0.099	0.116	0.407	1.10	4.44	2.92B	12
13	2.60B	0.995B	1.45 B	16.9	2.63	0.339	0.077	0.100	0.363	1.04	5.29	2.46B	13
14	2.30B	0.990B	3.00 B	25.8	2.15	0.302	0.068	0.089	0.324	1.06	5.25	2.11B	14
15	2.07B	0.986B	5.05 B	24.8	1.95	0.294	0.055	0.078	0.348	1.34	4.43	2.06	15
16	1.90B	0.983B	6.00 B	20.8	1.64	0.318	0.047	0.077	0.394	1.58	3.87	9.30	16
17	1.95B	0.980B	6.95 B	20.2	1.41	0.311	0.039	0.081	0.431	1.59	3.51	17.4	17
18	1.86B	0.995B	6.79 B	22.5	1.20	0.286	0.029	0.083	0.584	1.43	3.28	11.9	18
19	1.74B	1.04 B	7.00 B	18.2	1.08	0.282	0.045	0.073	0.693	1.25	3.03	6.38	19
20	1.65B	1.07 B	10.0 B	12.3	1.00	0.286	0.045	0.055	0.697	1.13	2.85	4.46	20
21	1.58B	1.03 B	17.9 B	12.5	0.923	0.491	0.046	0.041	0.678	1.05	2.90	3.40B	21
22	1.50B	1.02 B	16.4 B	12.2	0.826	1.21	0.049	0.030	0.664	0.923	3.61	2.89B	22
23	1.52B	1.01 B	16.0 B	8.99	0.769	1.52	0.052	0.033	0.668	0.825	4.05	2.69	23
24	1.58B	1.05 B	15.2 B	7.25	0.743	1.16	0.049	0.027	1.29	0.771	4.70	2.53	24
25	1.53B	1.00 B	16.8 B	6.31	0.752	1.03	0.036	0.262	1.31	0.747	5.98	3.64	25
26	1.44B	0.990B	31.5 B	5.46	0.768	1.42	0.033	1.55	1.21	0.703	5.27	25.1	26
27	1.36B	0.980B	39.3 B	5.25	0.755	0.832	0.029	1.94	1.16	0.656	4.38	22.9	27
28	1.31B	0.970B	34.3 B	5.09	0.777	0.748	0.042	1.69	1.47	0.633	3.51	15.2	28
29	1.26B		22.1 B	4.53	0.744	0.733	0.061	1.23	1.67	0.636	3.56	20.4	29
30	1.23B		24.9 B	3.91	0.706	0.603	0.062	0.874	1.63	0.633	5.06	15.9	30
31	1.20B		50.4 B		0.622		0.194	0.666		0.617		7.84B	31
TOTAL	68.89	29.689	342.541	682.89	56.245	19.502	4.440	11.173	23.285	33.714	167.512	290.11	TOTAL
MEAN	2.22	1.06	11.0	22.8	1.81	0.650	0.143	0.360	0.776	1.09	5.58	9.36	MEAN
MAX	5.20	1.29	50.4	90.6	5.05	1.52	0.515	1.94	1.67	1.59	25.4	25.1	MAX
MIN	1.12	0.970	0.886	3.91	0.622	0.282	0.029	0.027	0.324	0.617	0.646	2.06	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.74
MAXIMUM DAILY, 90.6B ON APR 1
MINIMUM DAILY, 0.027 ON AUG 24

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 09 19 N
LONG 74 38 18 W
DRAINAGE AREA, 404 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 950	JUL	384
FEB	2 570	AUG	965
MAR	29 600	SEP	2 610
APR	59 000	OCT	2 910
MAY	4 860	NOV	14 500
JUN	1 680	DEC	25 100

TOTAL DISCHARGE, 150 000 dam³

REMARKS - DRAINAGE AREA AND FLOWS ARE REFERRED TO CONTROL AT LAT. 45 09 10 LONG. 74 37 31

RANDOM CREEK AT WEST HUNTINGDON STATION - STATION NO. 02MK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	0.372	0.288	1.42	1
2	---	---	---	---	---	---	---	---	---	0.312	0.606	1.35	2
3	---	---	---	---	---	---	---	---	---	0.307	0.683	2.12	3
4	---	---	---	---	---	---	---	---	---	0.243	1.09	2.48	4
5	---	---	---	---	---	---	---	---	---	0.223	1.25	2.39	5
6	---	---	---	---	---	---	---	---	---	0.213	1.06	2.59	6
7	---	---	---	---	---	---	---	---	---	0.250	0.916	2.39	7
8	---	---	---	---	---	---	---	---	0.102A	0.715	0.842	2.21B	8
9	---	---	---	---	---	---	---	---	---	0.584	0.766	2.02B	9
10	---	---	---	---	---	---	---	---	---	0.454	0.688	1.82B	10
11	---	---	---	---	---	---	---	---	---	0.432	0.656	1.64B	11
12	---	---	---	---	---	---	---	---	---	0.404	0.824	1.52B	12
13	---	---	---	---	---	---	---	---	---	0.392	1.11	1.39B	13
14	---	---	---	---	---	---	---	---	---	0.384	0.903	1.29	14
15	---	---	---	---	---	---	---	---	0.120A	0.446	0.848	1.28	15
16	---	---	---	---	---	---	---	---	0.115	0.566	0.787	2.62	16
17	---	---	---	---	---	---	---	---	0.101	0.470	0.764	2.48B	17
18	---	---	---	---	---	---	---	---	0.137	0.371	0.726	2.58	18
19	---	---	---	---	---	---	---	---	0.161	0.315	0.708	1.65	19
20	---	---	---	---	---	---	---	---	0.119	0.285	0.680	1.55	20
21	---	---	---	---	---	---	---	---	0.128	0.297	0.835	1.51	21
22	---	---	---	---	---	---	---	---	0.119	0.284	1.10	1.43B	22
23	---	---	---	---	---	---	---	---	0.379	0.301	0.999	1.38B	23
24	---	---	---	---	---	---	---	---	0.413	0.332	1.38	1.64	24
25	---	---	---	---	---	---	---	---	0.417	0.353	1.25	2.98	25
26	---	---	---	---	---	---	---	---	0.359	0.335	1.17	3.19	26
27	---	---	---	---	---	---	---	---	0.392	0.325	1.08	3.12	27
28	---	---	---	---	---	---	---	---	0.498	0.352	0.974	3.17	28
29	---		---	---	---	---	---	---	0.404	0.314	1.31	3.18	29
30	---		---	---	---	---	---	---	0.355	0.292	1.50	3.10	30
31	---		---		---		---	---		0.275		2.62B	31
TOTAL	---	---	---	---	---	---	---	---	---	11.198	27.793	66.11	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	0.361	0.926	2.13	MEAN
MAX	---	---	---	---	---	---	---	---	---	0.715	1.50	3.19	MAX
MIN	---	---	---	---	---	---	---	---	---	0.213	0.288	1.28	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 20 18 N
LONG 77 28 39 W
DRAINAGE AREA, 86.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	968
MAY	---	NOV	2 400
JUN	---	DEC	5 710

REMARKS - GAUGE OPERATIONAL FROM SEP 15 1982

REDHILL CREEK AT HAMILTON - STATION NO. 02HA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.336	0.089	0.120	2.56	0.306	0.395	0.295	0.111	0.622	0.183	0.424	0.417	1
2	0.129	0.118	0.174	1.19	0.294	0.152	0.273	0.214	0.754	0.155	0.962	0.489	2
3	0.078	0.104	0.056	4.97	0.278	0.124	0.267	0.147	0.221	0.143	2.00	0.507	3
4	3.08	0.090	0.055	1.20	0.247	0.123	0.263	0.513	0.118	0.130	5.51	0.698	4
5	1.36	0.078	0.295	0.805	0.217	5.49	0.253	0.137	0.099	0.120	1.17	1.55	5
6	0.399	0.079	0.108	0.628	0.199	5.26	0.243	0.117	0.093	0.110	0.533	1.54	6
7	0.246	0.140	0.067	0.610	0.197	0.993	0.236	0.106	0.085	0.829	0.401	0.524	7
8	0.169	0.150	0.057	0.676	0.751	0.512	0.224	0.385	0.087	0.237	0.327	0.380	8
9	0.137	0.131	0.060	1.17	0.175	0.353	0.220	0.128	0.095	0.159	0.299	0.331	9
10	0.127	0.091	0.081	1.07	0.147	0.336	0.218	0.096	0.093	0.146	0.272	0.305	10
11	0.159B	0.091	2.87	0.996	0.128	0.290	0.218	0.089	0.094	0.338	0.533	0.275	11
12	0.246B	0.101	1.90	0.780	0.132	0.307	0.214	0.088	0.098	0.175	0.553	0.245	12
13	0.243B	0.102	20.4	1.15	0.130	0.418	0.209	0.089	0.099	0.171	0.386	0.228	13
14	0.174	0.098	11.4	0.717	0.122	0.273	0.208	0.093	0.317	0.184	0.313	0.219	14
15	0.146	0.164	5.52	0.564	0.121	1.97	0.205	0.089	0.200	0.209	0.305	0.444	15
16	0.134	0.624	4.69	0.572	0.121	0.902	0.205	0.088	0.070	0.196	0.285	3.49	16
17	0.165B	0.517	5.54	1.14	0.124	0.359	0.981	0.091	0.055	0.180	0.260	0.584	17
18	0.202B	0.255	2.24	0.730	0.120	0.866	0.236	0.086	0.323	0.157	0.237	0.360	18
19	0.217	0.240	2.05	0.473	1.17	0.668	0.171	0.088	0.081	0.129	0.230	0.321	19
20	0.228	0.209	2.44	2.05	0.249	0.545	0.160	0.242	0.208	0.205	0.225	0.316	20
21	0.213	0.325	2.11	1.35	0.113	7.31	0.151	0.085	0.168	0.154	0.831	0.433	21
22	0.177	0.196	3.84	0.583	0.372	0.917	0.149	0.087	1.04	0.139	0.482	0.272	22
23	0.403	0.179	3.39	0.459	0.154	0.584	0.148	0.086	2.01	0.139	1.33	0.448	23
24	0.379	0.114	3.21	0.371	0.121	0.439	0.142	0.077	0.631	0.137	1.67	6.15	24
25	0.178	0.162	2.30	0.305	0.104	0.372	0.138	6.42	0.380	0.142	0.464	8.78	25
26	0.124	0.121	2.17	0.285	0.103	0.660	0.136	0.229	0.226	0.142	0.408	2.09	26
27	0.123	0.103	1.10	0.364	0.238	0.345	0.243	0.136	5.77	0.138	0.334	1.09	27
28	0.152	0.083	0.874	0.356	0.674	0.324	1.14	0.113	0.811	0.141	0.789	2.23	28
29	0.133		1.60	0.328	0.158	0.618	0.179	0.096	0.328	0.140	1.16	0.998	29
30	0.135		1.98	0.312	0.156	0.346	0.123	0.102	0.247	0.149	0.592	0.712	30
31	0.112		16.7		0.133		0.120	0.086		0.166		0.606	31
TOTAL	10.104	4.750	99.397	28.764	7.554	32.251	7.968	10.514	15.423	5.743	23.285	37.032	TOTAL
MEAN	0.326	0.170	3.21	0.959	0.244	1.08	0.257	0.339	0.514	0.185	0.776	1.19	MEAN
MAX	3.08	0.624	20.4	4.97	1.17	7.31	1.14	6.42	5.77	0.829	5.51	8.78	MAX
MIN	0.078	0.078	0.055	0.285	0.103	0.123	0.120	0.077	0.055	0.110	0.225	0.219	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.775
MAXIMUM DAILY, 20.4 ON MAR 13
MINIMUM DAILY, 0.055 ON MAR 4
MAXIMUM INSTANTANEOUS,
46.2 AT 15:50 EST ON MAR 13

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 13 56 N
LONG 79 47 08 W
DRAINAGE AREA, 60.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	873	JUL	688
FEB	410	AUG	908
MAR	8 590	SEP	1 330
APR	2 490	OCT	496
MAY	653	NOV	2 010
JUN	2 790	DEC	3 200

TOTAL DISCHARGE, 24 400 dam³

RENSOR CREEK ABOVE GREEN RIVER - STATION NO. 02HC039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.320B	0.135B	0.142B	4.50	0.218	0.175	0.306	0.156	0.145	0.198	0.598	0.711	1
2	0.540B	0.137B	0.140B	2.05	0.201	0.150	0.239	0.159	0.162	0.192	1.12	0.617	2
3	0.440B	0.140B	0.138B	4.49	0.191	0.124	0.209	0.168	0.160	0.182	1.46	0.617	3
4	0.671B	0.140B	0.136B	2.10 B	0.181	0.112	0.192	0.181	0.140	0.182	2.15	0.892	4
5	0.400B	0.138B	0.245B	1.01 B	0.187	0.169	0.174	0.168	0.124	0.178	1.34	0.823	5
6	0.310B	0.138B	0.235B	0.670B	0.200	0.558	0.153	0.163	0.131	0.173	0.725	1.19	6
7	0.280B	0.135B	0.230B	0.645B	0.201	0.307	0.177	0.163	0.136	0.598	0.576	0.694	7
8	0.240B	0.132B	0.220B	0.605B	0.391	0.196	0.163	0.193	0.126	0.688	0.547	0.569	8
9	0.210B	0.130B	0.210B	0.643B	0.329	0.138	0.145	0.194	0.118	0.353	0.506	0.475B	9
10	0.195B	0.125B	0.205B	0.786	0.249	0.130	0.136	0.166	0.115	0.274	0.478	0.470B	10
11	0.180B	0.120B	0.210B	0.888	0.199	0.121	0.130	0.147	0.124	0.245	0.489	0.450B	11
12	0.170B	0.116B	0.214B	0.836	0.185	0.087	0.122	0.137	0.118	0.245	0.564	0.440B	12
13	0.165B	0.112B	0.610B	1.46	0.174	0.085	0.104	0.146	0.116	0.224	0.526	0.435B	13
14	0.160B	0.111B	1.20 B	1.19	0.160	0.085	0.107	0.142	0.179	0.232	0.488	0.440B	14
15	0.155B	0.110B	1.05 B	1.00	0.150	0.243	0.115	0.135	0.179	0.302	0.473	0.450B	15
16	0.152B	0.123B	0.880B	1.06	0.146	0.910	0.144	0.122	0.153	0.259	0.455	1.14	16
17	0.150B	0.118B	.960B	2.04	0.139	0.298	0.239	0.124	0.134	0.237	0.484	0.760B	17
18	0.149B	0.111B	.996	1.17	0.123	0.181	0.842	0.111	0.357	0.223	0.464	0.600B	18
19	0.148B	0.118B	1.00	0.679	0.129	0.340	1.99	0.120	0.221	0.221	0.454	0.510B	19
20	0.145B	0.123B	1.36	1.40	0.144	0.334	0.432	0.157	0.196	0.315	0.452	0.460B	20
21	0.143B	0.135B	1.51	1.03	0.123	0.299	0.255	0.127	0.176	0.346	1.32	0.445B	21
22	0.140B	0.145B	1.29 B	0.581	0.120	0.332	0.193	0.143	0.201	0.317	0.908	0.440B	22
23	0.185B	0.160B	1.47 B	0.485	0.281	0.371	0.176	0.283	0.247	0.310	0.704	0.440B	23
24	0.172B	0.158B	1.77 B	0.456	0.247	0.184	0.158	0.249	0.244	0.313	1.28	0.860B	24
25	0.165B	0.155B	1.67 B	0.425	0.216	0.169	0.134	0.852	0.348	0.314	0.690	3.63	25
26	0.155B	0.152B	1.18 B	0.410	0.187	0.419	0.121	0.361	0.259	0.320	0.592	2.53	26
27	0.148B	0.150B	0.831B	0.396	0.163	0.225	0.170	0.218	0.393	0.328	0.535	0.962	27
28	0.141B	0.148B	0.978B	0.343	0.221	0.361	0.380	0.180	0.356	0.336	0.530	1.64	28
29	0.139B		0.978B	0.266	0.204	2.87	0.254	0.160	0.264	0.355	1.23	1.06	29
30	0.138B		1.60	0.234	0.199	0.474	0.192	0.161	0.219	0.362	1.01	0.600B	30
31	0.137B		7.93		0.174		0.170	0.160		0.386		0.540B	31
TOTAL	6.843	3.715	31.588	33.848	6.032	10.447	8.322	5.986	5.841	9.209	23.148	25.890	TOTAL
MEAN	0.221	0.133	1.02	1.13	0.195	0.348	0.268	0.192	0.195	0.297	0.772	0.835	MEAN
MAX	0.671	0.160	7.93	4.50	0.391	2.87	1.99	0.852	0.393	0.688	2.15	3.63	MAX
MIN	0.137	0.110	0.136	0.234	0.120	0.085	0.104	0.111	0.115	0.173	0.452	0.435	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.468
MAXIMUM DAILY, 7.93 ON MAR 31
MINIMUM DAILY, 0.085 ON JUN 13
MAXIMUM INSTANTANEOUS,
12.6 AT 16:18 EST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 56 07 N
LONG 79 12 03 W
DRAINAGE AREA, 38.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	591	JUL	719
FEB	321	AUG	514
MAR	2 730	SEP	505
APR	2 920	OCT	796
MAY	521	NOV	2 000
JUN	903	DEC	2 240

TOTAL DISCHARGE, 14 800 dam³

RIDEAU RIVER ABOVE SMITHS FALLS - STATION NO. 02LA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.1	7.86	14.9	11.7	---	---	---	---	---	---	8.01	10.3	1
2	14.3	9.37	14.7	5.37	---	---	---	---	6.49A	---	7.98	11.3	2
3	14.3	9.41	14.6	4.21	---	---	---	---	---	---	8.02	14.0	3
4	15.3	13.0	14.4	3.75	---	---	---	---	---	---	8.17	15.2	4
5	16.3	17.3	14.4	4.19	---	---	---	---	---	---	8.31	15.2	5
6	16.4	18.4	15.4	1.20	---	---	---	---	---	12.6 A	8.61	18.6	6
7	16.8	18.4	17.1	2.00	9.68A	---	---	---	---	---	8.47	24.9	7
8	17.4	18.2	17.8	12.2	---	---	---	---	---	---	8.33	25.8	8
9	17.3	18.1	17.5	20.6	---	---	---	---	---	---	8.35	25.5	9
10	17.4	17.8	17.2	20.3	---	---	---	---	---	---	8.35	25.4	10
11	17.2	17.7	12.3	20.1	---	---	---	---	---	---	8.44	25.1	11
12	17.2	17.5	11.2	20.3	---	---	---	---	---	---	8.55	24.8	12
13	17.0	17.2	13.8	27.2	---	---	---	---	---	---	8.50	20.3	13
14	16.3	17.0	14.1	33.4	---	---	---	---	---	16.1	8.27	16.8	14
15	15.7	17.1	14.0	35.8	---	---	---	---	---	17.8	8.38	16.9	15
16	15.7	17.0	14.0	38.5	---	11.4A	---	---	---	18.1	8.41	17.4	16
17	15.5	16.8	14.0	38.5	---	---	---	---	---	17.9	9.41	19.6	17
18	14.3	16.8	14.1	38.9	---	---	---	---	---	17.8	9.34	20.3	18
19	12.4	16.6	16.0	38.6	---	---	---	---	---	17.6	10.3	20.1	19
20	11.8	16.7	17.2	38.6	---	---	---	---	---	18.0	10.3	21.5	20
21	11.1	16.9	17.4	39.3	---	---	---	---	---	17.7	10.4	24.1	21
22	9.84	16.9	18.8	39.1	---	---	---	---	---	17.3	10.2	24.7	22
23	9.86	16.7	19.7	39.1	---	---	---	---	---	17.1 A	10.3	24.7	23
24	9.89	16.4	19.9	38.9	---	---	---	---	---	17.0	10.1	24.4	24
25	9.92	16.2	17.0	38.6	---	---	---	---	---	16.7	10.4	24.5	25
26	9.94	15.9	15.7	38.4	---	---	6.22A	---	---	11.3	10.4	25.2	26
27	9.93	15.3	16.5	38.3	---	---	---	---	---	7.99	10.2	25.3	27
28	9.81	15.0	15.9	37.9	---	---	---	---	---	8.07	10.0	27.4	28
29	7.76		16.0	27.8	---	---	---	---	---	8.01	10.0	30.9	29
30	6.70		16.1	18.0	---	---	---	---	---	8.16	10.2	34.2	30
31	6.88		17.1		---		---	---		8.12		34.0	31
TOTAL	414.33	447.54	488.8	770.82	---	---	---	---	---	---	273.70	688.4	TOTAL
MEAN	13.4	16.0	15.8	25.7	---	---	---	---	---	---	9.12	22.2	MEAN
MAX	17.4	18.4	19.9	39.3	---	---	---	---	---	---	10.4	34.2	MAX
MIN	6.70	7.86	11.2	1.20	---	---	---	---	---	---	7.98	10.3	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 39.3 ON APR 21

MAXIMUM INSTANTANEOUS,
43.3 AT 13:46 EST ON APR 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 53 26 N
LONG 76 03 45 W
DRAINAGE AREA, 1 290 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 800	JUL	---
FEB	38 700	AUG	---
MAR	42 200	SEP	---
APR	66 600	OCT	---
MAY	---	NOV	23 600
JUN	---	DEC	59 500

REMARKS - SEASONAL OPERATION (OCT-MAY APPROX.)

RIDEAU RIVER AT OTTAWA - STATION NO. 02LA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.2B	13.7B	23.2B	397	45.5	24.6	15.6	12.6	10.8	18.0	17.2	38.6	1
2	29.2B	12.5B	23.5B	397	40.6	33.5	13.3	19.4	13.0	19.2	15.5	57.5	2
3	29.5B	10.6B	23.7B	387	30.4	45.2	7.75	21.6	12.5	13.5	9.18	67.0	3
4	30.0B	11.8B	24.0B	380	22.1	46.7	10.9	16.4	13.3	9.77	17.6	86.3	4
5	30.6B	13.3B	24.4B	332	11.6	47.3	12.8	12.0	13.3	11.1	29.5	91.4	5
6	31.5B	17.3B	24.6B	292	17.8	49.3	12.5	11.1	14.3	14.2	53.3	88.7	6
7	32.0B	16.9B	25.0B	222	18.4	55.4	12.2	12.0	17.2	17.9	58.4	87.2	7
8	34.4B	18.3B	29.5B	184	13.4	54.7	9.55	10.6	15.1	19.5	56.9	83.8	8
9	34.0B	21.2B	30.3B	177	20.4	40.5	10.4	12.0	12.0	20.7	56.6	71.4	9
10	33.3B	27.8B	35.0B	167	27.5	24.1	9.26	10.6	12.0	19.9	55.5	61.0	10
11	32.9B	32.2B	34.7B	158	28.1	19.9	6.58	8.48	13.1	16.2	51.9	61.2	11
12	32.6B	32.5B	39.5B	129	23.7	19.2	11.7	9.27	12.0	15.7	45.5	56.8B	12
13	30.3B	32.4B	46.0B	155	22.9	23.9	10.9	7.55	11.0	17.9	36.2	51.4B	13
14	29.4B	32.2B	48.5B	170	18.3	21.7	10.1	7.39	11.0	17.8	35.0	45.8B	14
15	30.1B	32.2B	46.1B	165	17.1	20.8	8.88	6.71	11.3	21.3	33.9	39.4	15
16	30.4B	28.3B	45.8B	169	24.0	23.4	8.94	7.57	13.9	23.1	33.1	58.4	16
17	30.5B	27.1B	45.4B	180	24.2	23.4	7.20	7.51	14.2	22.9	34.1	79.6	17
18	30.2B	26.0B	45.0	184	21.2	18.9	9.55	6.01	15.3	28.3	34.4	63.4B	18
19	29.6B	25.0B	46.0	168	19.4	17.1	11.6	5.52	16.6	39.2	33.1	62.2B	19
20	28.3B	24.5B	52.0	161	17.1	18.3	11.8	4.56	18.2	38.8	31.2	64.5	20
21	27.3B	24.0B	61.9	189	12.7	26.5	12.2	6.12	17.2	38.6	25.2	58.8B	21
22	25.9B	23.8B	68.3	185	13.0	27.3	12.0	5.88	16.0	34.4	25.9	50.9B	22
23	24.6B	23.6B	71.0	162	12.6	25.7	10.5	8.02	16.2	22.9	27.8	46.4B	23
24	23.1B	23.5B	75.4	133	13.0	27.4	9.43	6.65	15.0	19.1	31.5	53.6	24
25	21.7B	23.4B	78.8	119	17.2	26.8	9.83	13.4	13.8	43.5	32.6	60.9	25
26	20.4B	23.2B	90.4	89.1	19.1	25.0	10.1	15.3	16.3	43.8	35.9	102	26
27	19.4B	23.1B	104	108	18.0	25.5	9.95	12.7	17.9	28.2	36.3	132	27
28	17.9B	23.0B	118	64.4	15.0	20.9	9.74	11.5	16.8	17.2	35.0	136	28
29	17.1B		124	36.3	14.5	19.0	9.04	11.4	16.7	20.0	30.9	148	29
30	15.6B		128	56.1	16.5	18.9	9.75	11.4	18.1	20.0	34.3	140	30
31	14.7B		182		21.5		11.4	11.2		18.2		113	31
TOTAL	845.7	643.4	1 814.0	5 715.9	632.8	870.9	325.45	321.44	434.1	710.87	1 053.48	2 347.2	TOTAL
MEAN	27.3	23.0	58.5	191	20.4	29.0	10.5	10.4	14.5	22.9	35.1	75.7	MEAN
MAX	34.4	32.5	182	397	45.5	55.4	15.6	21.6	18.2	43.8	58.4	148	MAX
MIN	14.7	10.6	23.2	36.3	11.6	17.1	6.58	4.56	10.8	9.77	9.18	38.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.1
MAXIMUM DAILY, 397 ON APR 1
MINIMUM DAILY, 4.56 ON AUG 20
MAXIMUM INSTANTANEOUS,
435 AT 20:25 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 22 54 N
LONG 75 41 52 W
DRAINAGE AREA, 3 830 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	73 100	JUL	28 100
FEB	55 600	AUG	27 800
MAR	157 000	SEP	37 500
APR	494 000	OCT	61 400
MAY	54 700	NOV	91 000
JUN	75 200	DEC	203 000

TOTAL DISCHARGE, 1 360 000 dam³

RIDEAU RIVER AT RIDEAU FERRY - STATION NO. 02LA014

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.988	3.033	2.757	2.991	3.768	---	---	---	---	---	---	---	1
2	2.991	3.036	2.747	3.099	3.766	---	---	---	---	---	---	---	2
3	2.997	3.044	2.730	3.219	3.768	---	---	---	---	---	---	---	3
4	3.020	3.057	2.716	3.349	3.777	---	---	---	---	---	---	---	4
5	3.036	3.053	2.715	3.455	3.787	---	---	---	---	---	---	---	5
6	3.039	3.048	2.702	3.546	3.793	---	---	---	---	---	---	---	6
7	3.047	3.038	2.691	3.624	3.799	---	---	---	---	---	---	---	7
8	3.047	3.022	2.677	3.684	3.819	---	---	---	---	---	---	---	8
9	3.044	3.002	2.661	3.718	3.845	---	---	---	---	---	---	---	9
10	3.040	2.988	2.649	3.747	3.855	---	---	---	---	---	---	---	10
11	3.033	2.970	2.638	3.773	3.867	---	---	---	---	---	---	---	11
12	3.023	2.954	2.639	3.796	3.882	---	---	---	---	---	---	---	12
13	3.009	2.938	2.645	3.820	3.891	---	---	---	---	---	---	---	13
14	3.000	2.925	2.650	3.830	3.901A	---	---	---	---	---	---	---	14
15	3.001	2.909	2.649	3.835	---	---	---	---	---	---	---	---	15
16	3.001	2.895	2.650	3.836	---	---	---	---	---	---	---	---	16
17	2.998	2.879	2.657	3.836	---	---	---	---	---	---	---	---	17
18	2.980	2.867	2.659	3.842	---	---	---	---	---	---	---	---	18
19	2.975	2.857	2.666	3.839	---	---	---	---	---	---	---	---	19
20	2.974	2.853	2.669	3.840	---	---	---	---	---	---	---	---	20
21	2.973	2.846	2.685	3.857	---	---	---	---	---	---	---	---	21
22	2.973	2.839	2.703	3.853	---	---	---	---	---	---	---	---	22
23	2.983	2.831	2.708	3.856	---	---	---	---	---	---	---	---	23
24	2.996	2.825	2.712	3.853	---	---	---	---	---	---	---	---	24
25	2.993	2.816	2.721	3.848	---	---	---	---	---	---	---	---	25
26	2.993	2.802	2.768	3.831	---	---	---	---	---	---	---	---	26
27	2.992	2.788	2.797	3.812	---	---	---	---	---	---	---	---	27
28	2.993	2.774	2.823	3.794	---	---	---	---	---	---	---	---	28
29	3.006		2.845	3.776	---	---	---	---	---	---	---	---	29
30	3.004		2.862	3.764	---	---	---	---	---	---	---	---	30
31	3.005		2.901		---		---	---		---		---	31
MEAN	3.005	2.925	2.713	3.697	---	---	---	---	---	---	---	---	MEAN
MAX	3.047	3.057	2.901	3.857	---	---	---	---	---	---	---	---	MAX
MIN	2.973	2.774	2.638	2.991	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 54 N
LONG 76 08 28 W

A - MANUAL GAUGE

REGULATED

DRAINAGE AREA,
398 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 120.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - GAUGE DISCONTINUED MAY 14 1982

RIDEAU RIVER BELOW HANOTICK - STATION NO. 02LA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.2	10.8 B	19.8B	280	39.4	23.2	13.9	12.0	9.83	16.1	96.1	37.0	1
2	25.0B	9.75B	19.8B	296	36.1	22.0	10.1	17.9	10.0	17.5	8.49	47.0	2
3	24.9B	8.80B	19.7B	292	27.1	46.1	8.28	19.9	11.4	11.1	11.5	59.5	3
4	26.9B	9.65B	19.8B	288	13.3	47.8	9.80	14.1	12.0	8.97	21.1	72.9	4
5	26.8B	11.4 B	19.9B	262	11.7	49.1	11.6	10.6	12.0	9.89	36.6	76.0	5
6	26.7B	14.8 B	20.0B	236	14.8	50.7	11.5	10.1	11.9	13.1	50.3	75.6	6
7	26.7B	14.6 B	20.0B	178	12.8	57.3	10.3	10.2	15.9	16.2	53.4	77.2	7
8	28.8B	15.9 B	24.5B	150	8.68	56.3	9.85	10.2	13.2	16.7	53.3	75.1	8
9	28.6B	18.5 B	25.2B	147	15.4	38.5	9.68	10.2	10.5	19.1	54.9	63.2	9
10	28.1B	24.5 B	28.2B	133	18.5	23.8	8.16	9.34	11.2	18.7	52.7	58.3	10
11	27.9B	28.5 B	28.0B	116	17.8	16.2	7.24	8.82	11.6	14.0	49.8	58.2	11
12	27.7B	28.8 B	28.0B	98.5	17.2	18.8	10.7	7.90	10.9	14.1	38.0	52.1	12
13	25.7B	28.7 B	41.5B	119	17.0	22.0	10.8	7.41	9.85	15.4	31.4	45.4	13
14	25.0B	28.5 B	44.5B	123	13.7	21.1	8.97	7.51	9.85	16.7	30.9	42.4	14
15	25.8B	28.5 B	42.5B	120	13.7	19.0	8.16	7.46	10.8	20.3	29.8	36.2	15
16	26.2B	25.0 B	40.6	124	22.0	21.5	8.17	7.45	11.5	21.5	31.5	35.4	16
17	26.3B	23.4 B	38.3	129	21.5	22.2	8.30	7.41	12.5	21.5	32.9	61.3	17
18	26.2B	22.6 B	37.5	130	19.8	17.0	8.65	6.51	14.5	29.9	31.8	52.8	18
19	25.7B	22.1 B	42.3	120	16.3	14.7	10.4	5.80	15.1	39.6	30.4	51.5	19
20	24.6B	21.4 B	50.6	116	15.0	16.7	11.0	6.27	16.9	39.6	28.6	56.9	20
21	23.8B	21.2 B	61.4	129	12.5	25.2	11.0	6.83	15.8	39.5	21.2	58.4	21
22	22.5B	20.8 B	66.3	132	11.3	22.6	10.9	6.81	14.8	33.8	24.9	63.1	22
23	21.3B	20.4 B	70.6	117	11.8	21.9	9.75	6.89	14.6	21.3	25.8	64.2	23
24	20.1B	20.2 B	77.1	103	12.5	22.9	9.57	6.83	13.6	18.6	26.3	56.4	24
25	18.9B	20.1 B	79.9	97.7	17.2	22.8	9.79	12.0	13.0	20.0	30.5	60.4	25
26	17.7B	20.0 B	93.1	70.2	17.4	21.9	9.36	12.6	15.2	20.0	35.7	87.7	26
27	16.5B	19.9 B	109	95.7	16.1	21.8	9.09	10.1	16.1	19.8	34.5	108	27
28	15.3B	19.8 B	120	56.8	14.1	18.1	8.69	9.99	15.0	19.6	27.3	114	28
29	14.2B		121	51.4	13.4	16.5	8.65	10.1	15.6	19.6	29.3	123	29
30	13.0B		124	49.0	16.7	16.4	9.43	10.0	16.2	17.6	31.5	117	30
31	11.9B		161		20.2		10.1	9.76		15.9		96.6	31
TOTAL	724.0	558.60	1 705.7	4 359.3	534.98	824.1	301.89	298.99	391.33	627.76	975.49	2 053.8	TOTAL
MEAN	23.4	20.0	55.0	145	17.3	27.5	9.74	9.64	13.0	20.3	32.5	66.3	MEAN
MAX	28.8	28.8	161	296	39.4	57.3	13.9	19.9	16.9	39.6	96.1	123	MAX
MIN	11.9	8.80	19.7	49.0	8.68	16.7	7.24	5.80	9.83	8.97	8.49	36.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.6
MAXIMUM DAILY, 296 ON APR 2
MINIMUM DAILY, 5.80 ON AUG 19
MAXIMUM INSTANTANEOUS,
303 AT 21:56 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 14 54 N
LONG 75 42 17 W
DRAINAGE AREA, 3 120 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	62 600	JUL	26 100
FEB	48 300	AUG	25 800
MAR	147 000	SEP	33 800
APR	377 000	OCT	54 200
MAY	46 200	NOV	84 300
JUN	71 200	DEC	177 000

TOTAL DISCHARGE, 1 150 000 dam³

RIDEAU RIVER BELOW MERRICKVILLE - STATION NO. 02LA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.5	10.2B	18.6B	99.8	28.0	26.1	10.3	9.93	8.99	13.9	11.8	17.0	1
2	20.4 B	10.8B	18.9	114	27.3	36.8	10.4	10.2	9.38	10.7	11.8	22.5	2
3	20.2 B	11.1B	18.6B	109	22.7	41.1	10.3	10.5	10.1	8.69	12.7	29.6	3
4	20.6	12.3B	18.3B	106	13.9	43.3	10.3	10.7	10.0	9.52	12.4	32.5	4
5	18.1 B	13.9B	18.3B	89.6	14.8	41.6	10.3	10.3	9.97	11.5	18.5	32.5	5
6	19.8	17.2B	18.2B	71.1	12.7	41.3	10.8	9.60	10.0	14.5	28.6	38.7	6
7	21.3	18.8B	18.2B	45.0	8.43	45.5	10.5	9.06	9.92	14.8	26.7	40.8	7
8	21.3	19.9B	18.1	54.4	8.02	36.4	9.89	8.76	10.0	15.0	25.0	39.5	8
9	21.7	22.4B	18.0B	54.4	7.22	22.9	8.45	8.89	10.5	14.7	22.7	39.4	9
10	22.8 B	25.2B	17.9B	53.5	7.32	17.0	7.43	8.97	10.7	14.5	21.2	39.5	10
11	22.7 B	24.8B	17.6	53.3	8.64	14.9	8.00	8.41	10.3	14.8	20.5	38.8	11
12	22.4 B	22.6B	22.0	52.3	9.96	15.8	8.20	7.69	9.57	15.0	19.0	37.7	12
13	22.1 B	23.6B	24.3	51.6	10.6	16.9	6.96	7.72	9.06	15.9	16.2	36.5	13
14	21.8 B	23.2B	23.6	52.3	12.1	17.3	7.06	7.56	8.72	18.7	15.4	32.3	14
15	21.1 B	22.7	22.7	60.4	14.7	17.6	7.75	7.47	9.19	19.1	15.4	27.2	15
16	20.2 B	21.8	19.9	68.9	14.5	17.3	8.38	7.50	11.0	19.3	15.4	28.4	16
17	19.6 B	20.9	20.7	71.0	13.4	16.0	8.46	7.16	14.4	19.9	15.2	32.4	17
18	18.8 B	18.8	21.9	71.1	12.9	15.4	8.45	7.18	14.5	26.9	15.1	36.3	18
19	17.9 B	18.6	24.3	66.1	13.2	14.6	9.13	7.27	14.1	33.9	14.8	35.3	19
20	17.1 B	18.8	32.5	59.5	11.1	14.3	9.75	7.21	14.1	33.2	14.8	34.0	20
21	16.3 B	18.8	36.2	72.8	9.98	14.9	9.98	7.13	14.2	35.0	15.1	32.9	21
22	15.4 B	19.0	38.8	71.7	9.97	15.5	10.3	7.12	13.2	24.5	15.5	29.7	22
23	14.7 B	19.1	42.7	63.6	10.1	16.4	10.0	7.20	12.6	19.2	14.4	36.4	23
24	14.1 B	18.7B	44.2	62.7	10.8	16.4	9.97	7.22	12.8	19.1	13.8	38.9	24
25	13.4 B	18.9B	42.5	62.6	10.7	16.4	9.88	7.92	12.7	19.0	18.8	38.9	25
26	12.5 B	18.6B	38.6	59.9	11.1	16.0	10.4	8.01	12.7	17.3	22.5	48.2	26
27	11.9 B	18.5	62.5	51.7	10.9	14.7	9.34	8.86	12.9	16.1	17.9	56.9	27
28	11.5 B	18.5B	62.1	42.7	11.1	14.8	8.49	9.31	13.8	16.1	17.8	62.8	28
29	11.1 B		61.7	41.6	13.4	14.7	8.46	9.19	14.7	14.4	17.0	65.8	29
30	8.55B		62.9	31.8	14.4	11.3	8.42	9.26	14.6	11.9	15.8	72.7	30
31	8.55B		68.8		17.4		9.32	9.12		11.5		59.5	31
TOTAL	548.40	527.7	985.6	1 964.4	401.34	663.2	285.25	262.42	348.70	548.61	521.0	1 209.6	TOTAL
MEAN	17.7	18.8	31.8	65.5	12.9	22.1	9.20	8.47	11.6	17.7	17.4	39.0	MEAN
MAX	22.8	25.2	68.8	114	28.0	45.5	10.8	10.7	14.7	35.0	28.6	72.7	MAX
MIN	8.55	10.2	17.6	31.8	7.22	11.3	6.96	7.12	8.72	8.69	11.8	17.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.6
MAXIMUM DAILY, 114 ON APR 2
MINIMUM DAILY, 6.96 ON JUL 13
MAXIMUM INSTANTANEOUS,
118 AT 23:01 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 57 05 N
LONG 75 49 05 W
DRAINAGE AREA, 1 920 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	47 400	JUL	28 600
FEB	45 600	AUG	22 700
MAR	85 200	SEP	30 100
APR	170 080	OCT	47 400
MAY	34 700	NOV	85 000
JUN	57 300	DEC	105 000

TOTAL DISCHARGE, 715 000 dam³

ROCHESTER CREEK ABOVE QUINEX LAKE - STATION NO. 03CD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.560B	0.495B	0.314B	1.71	11.2	0.934	0.211	0.132	0.069	2.98	2.94	2.65	1
2	0.560B	0.490B	0.312B	1.91	11.3	0.914	0.200	0.119	0.090	2.67	2.75	2.53	2
3	0.561B	0.485B	0.310B	2.24	11.2	0.888	0.192	0.110	0.088	2.45	2.58	2.47	3
4	0.563B	0.480B	0.306B	2.62	10.4	0.881	0.180	0.108	0.090	2.31	2.41	2.48	4
5	0.558B	0.473B	0.304B	2.76	10.3	0.886	0.170	0.110	0.112	2.01	2.27	2.52	5
6	0.555B	0.465B	0.302B	2.84	10.2	0.828	0.163	0.109	0.146	1.84	2.14	3.18	6
7	0.550B	0.458B	0.301B	2.90	9.22	0.767	0.156	0.110	0.148	2.10	2.02	3.96	7
8	0.547B	0.448B	0.300B	2.95	8.37	0.710	0.147	0.108	0.165	2.72	1.92	4.48	8
9	0.545B	0.440B	0.299B	2.94	7.89	0.631	0.130	0.108	0.189	3.35	1.78	4.20	9
10	0.540B	0.425B	0.299B	2.88	7.11	0.617	0.127	0.110	0.222	3.61	1.65	3.78	10
11	0.538B	0.415B	0.298B	2.87	6.43	0.616	0.165	0.109	0.249	3.64	1.62	3.44	11
12	0.535B	0.405B	0.297B	2.81	5.88	0.582	0.178	0.106	0.266	3.63	1.92	3.16	12
13	0.533B	0.398B	0.568B	2.97	5.45	0.552	0.182	0.093	0.292	3.62	2.65	2.92	13
14	0.532B	0.387B	0.545B	3.04	5.10	0.512	0.180	0.088	0.495	3.66	3.32	2.74	14
15	0.532B	0.378B	0.540B	3.14	4.64	0.486	0.181	0.079	0.557	3.68	3.74	2.58	15
16	0.532B	0.370B	0.540B	3.48	4.36	0.463	0.218	0.073	0.837	3.65	3.74	2.38	16
17	0.531B	0.360B	0.580B	4.39	4.11	0.428	0.218	0.066	1.36	3.59	3.76	2.20	17
18	0.530B	0.350B	0.683	5.29	3.61	0.402	0.227	0.054	1.91	3.38	3.57	2.11	18
19	0.529B	0.345B	0.770	5.91	3.31	0.394	0.231	0.053	2.19	3.20	3.30	2.09	19
20	0.527B	0.340B	0.865	5.93	3.05	0.388	0.230	0.053	2.48	4.25	3.16	1.99	20
21	0.525B	0.335B	0.941	5.82	2.79	0.369	0.231	0.047	2.90	5.87	3.32	1.88	21
22	0.523B	0.332B	0.967	5.54	2.51	0.352	0.234	0.045	3.28	7.04	3.75	1.88	22
23	0.522B	0.328B	1.00	5.54	2.21	0.350	0.231	0.050	3.40	7.15	3.96	1.75	23
24	0.521B	0.326B	1.16	6.51	1.96	0.331	0.237	0.050	3.43	6.45	3.98	1.79	24
25	0.520B	0.324B	1.31 B	8.70	1.75	0.324	0.230	0.051	3.90	5.60	3.97	1.92	25
26	0.518B	0.322B	1.30 B	10.9	1.55	0.310	0.207	0.051	4.04	4.96	3.89	2.13	26
27	0.515B	0.320B	1.28 B	11.8	1.41	0.287	0.189	0.056	4.08	4.48	3.49	2.30	27
28	0.512B	0.318B	1.26	11.2	1.28	0.272	0.178	0.056	4.06	4.12	3.20	2.91	28
29	0.505B		1.24	10.9	1.20	0.258	0.161	0.055	3.73	3.80	2.98	3.78	29
30	0.501B		1.25	11.0	1.10	0.231	0.149	0.059	3.32	3.48	2.79	4.19	30
31	0.500B		1.47		0.978		0.144	0.057		3.20		4.33	31
TOTAL	16.520	11.012	21.903	153.49	161.868	15.963	5.877	2.475	48.095	118.39	88.57	86.64	TOTAL
MEAN	0.533	0.393	0.707	5.12	5.22	0.532	0.190	0.080	1.60	3.82	2.95	2.79	MEAN
MAX	0.563	0.495	1.47	11.8	11.3	0.934	0.237	0.132	4.08	7.15	3.98	4.48	MAX
MIN	0.500	0.318	0.297	1.71	0.978	0.231	0.127	0.045	0.069	1.84	1.62	1.75	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.00
MAXIMUM DAILY, 11.8 ON APR 27
MINIMUM DAILY, 0.045 ON AUG 22
MAXIMUM INSTANTANEOUS,
12.1 AT 13:40 EST ON APR 27

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 30 00 N
LONG 82 31 16 W
DRAINAGE AREA, 99.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 430	JUL	508
FEB	951	AUG	214
MAR	1 890	SEP	4 160
APR	13 300	OCT	10 200
MAY	14 000	NOV	7 650
JUN	1 380	DEC	7 490

TOTAL DISCHARGE, 63 200 dam³

ROOT RIVER AT SAULT STE. MARIE - STATION NO. 02CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.510B	0.350B	0.310B	0.870B	23.6	0.475	0.082	0.041	1.74	1.30	1.56	1.89	1
2	0.508B	0.348B	0.310B	1.13 B	22.8	0.470	0.055	0.034	8.12	1.04	1.45	2.12	2
3	0.505B	0.345B	0.309B	1.42 B	19.3	0.403	0.048	0.089	10.8	1.00	1.60	2.70	3
4	0.505B	0.342B	0.309B	1.76 B	16.4	0.336	0.047	0.277	5.65	0.911	2.05	3.06	4
5	0.500B	0.340B	0.308B	2.25 B	14.5	0.348	0.035	0.201	3.83	0.788	2.05	2.97	5
6	0.490B	0.338B	0.308B	2.18 B	12.3	0.240	0.024	0.156	3.41	0.964	2.13	9.03	6
7	0.480B	0.336B	0.307B	2.10 B	9.72	0.253	0.037	0.141	2.66	1.46	1.98	6.55	7
8	0.470B	0.334B	0.307B	2.03 B	7.27	0.332	0.042	0.124	2.03	2.78	2.20	3.70B	8
9	0.460B	0.332B	0.306B	2.00 B	5.40	0.395	0.024	0.213	1.62	2.84	2.40	3.00B	9
10	0.450B	0.331B	0.306B	1.97 B	5.16	0.515	0.019	0.204	1.35	2.41	2.33	2.55B	10
11	0.445B	0.329B	0.306B	1.93 B	7.21	0.424	0.041	0.174	1.12	3.31	4.31	2.37B	11
12	0.438B	0.328B	0.308B	1.91 B	6.66	0.290	0.228	0.183	0.968	3.75	11.5	2.30B	12
13	0.430B	0.327B	0.350B	2.00 B	5.02	0.269	0.364	0.142	0.884	3.35	9.92	2.26B	13
14	0.425B	0.326B	0.440B	2.35 B	3.96	0.429	0.332	0.078	1.72	3.38	6.20	2.21B	14
15	0.420B	0.324B	0.535B	2.84	3.21	0.611	0.183	0.058	2.17	4.22	4.67	2.15B	15
16	0.410B	0.323B	0.610B	3.47	2.71	0.571	0.186	0.060	1.98	3.48	3.73	2.11B	16
17	0.405B	0.321B	0.700B	4.48	2.28	0.412	0.687	0.047	1.94	2.86	3.04	2.08B	17
18	0.402B	0.320B	0.760B	6.19	1.99	0.350	0.568	0.029	2.94	2.59	2.62	2.07B	18
19	0.398B	0.319B	0.730B	7.27	1.82	0.310	0.341	0.033	2.34	2.38	2.59	2.17B	19
20	0.391B	0.318B	0.700B	6.23	1.65	0.367	0.205	0.040	2.67	10.9	7.80	3.31B	20
21	0.388B	0.316B	0.685B	5.29	1.43	0.254	0.130	0.043	2.39	13.2	8.22	2.22B	21
22	0.382B	0.315B	0.680B	4.61	1.21	0.222	0.092	0.134	1.89	7.80	5.52	2.11B	22
23	0.378B	0.314B	0.678B	5.74	1.11	0.176	0.064	0.437	1.53	5.57	4.18	2.06B	23
24	0.373B	0.313B	0.685B	12.9	1.12	0.140	0.049	0.415	1.46	4.29	3.24	2.50B	24
25	0.370B	0.313B	0.675B	22.9	0.987	0.219	0.051	0.340	2.41	3.42	2.76	4.60B	25
26	0.368B	0.312B	0.665B	29.8	0.883	0.297	0.063	0.237	2.20	2.82	2.31	8.00B	26
27	0.363B	0.311B	0.658B	30.4	0.743	0.502	0.059	0.284	2.16	2.38	2.13	5.00B	27
28	0.360B	0.311B	0.650B	28.1	0.628	0.334	0.075	0.305	2.03	2.15	2.03	6.00B	28
29	0.358B		0.647B	19.1	0.579	0.248	0.051	0.265	1.74	2.05	1.88	4.60B	29
30	0.355B		0.658B	21.6	0.539	0.137	0.045	0.237	1.50	1.96	1.74	3.90B	30
31	0.352B		0.690B		0.482		0.043	0.218		1.73		3.30B	31
TOTAL	13.097	9.136	15.890	220.820	182.631	10.339	4.270	5.239	79.252	103.083	110.14	103.89	TOTAL
MEAN	0.422	0.326	0.513	7.36	5.89	0.344	0.138	0.169	2.64	3.33	3.67	3.35	MEAN
MAX	0.518	0.350	0.760	29.8	23.6	0.611	0.687	0.437	10.8	13.2	11.5	9.03	MAX
MIN	0.352	0.311	0.306	0.870	0.482	0.137	0.019	0.029	0.884	0.788	1.45	1.89	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.35
MAXIMUM DAILY, 29.8 ON APR 26
MINIMUM DAILY, 0.019 ON JUL 18
MAXIMUM INSTANTANEOUS,
31.7 AT 07:00 EST ON APR 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 33 49 N
LONG 84 16 55 W
DRAINAGE AREA, 108 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 130	JUL	369
FEB	789	AUG	453
MAR	1 370	SEP	6 850
APR	19 100	OCT	8 910
MAY	15 800	NOV	9 520
JUN	892	DEC	8 980

TOTAL DISCHARGE, 74 200 dam³

ROSEBERRY RIVER ABOVE ROSEBERRY LAKES - STATION NO. 08CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.97	1.04	0.862	0.852	17.0E	16.5E	13.4	2.96	6.99	4.20	4.84	3.02	1
2	1.91	1.00	0.849	0.862	25.5E	16.3E	12.3	2.76	7.76	4.37	4.63	3.00	2
3	1.91	0.981	0.842	0.922	30.0E	16.2E	11.2	2.78	8.59	4.60	4.43	3.34	3
4	1.89	0.970	0.845	0.942	34.5E	16.2E	10.3	2.87	9.13	4.99	4.21	3.45	4
5	1.84	0.938	0.834	0.935	37.5E	16.3E	9.63	2.97	9.36	5.62	4.08	3.55	5
6	1.84	0.945	0.826	0.929	40.5E	16.5E	8.84	3.02	9.42	6.12	4.05	3.60	6
7	1.81	0.925	0.801	0.921	43.0E	16.9E	8.05	3.27	9.38	6.49	3.94	3.59	7
8	1.78	0.921	0.790	0.928	44.0E	17.7E	7.55	5.04	9.03	6.79	3.91	3.58	8
9	1.69	0.900	0.788	0.913	44.0E	20.0E	7.05	9.32	8.74	6.95	3.81	3.53	9
10	1.66	0.885	0.792	0.934	43.5E	25.0E	6.53	14.3	8.13	7.06	3.71	3.48	10
11	1.67	0.884	0.776	0.996	43.0E	31.3	6.10	17.5	7.72	7.01	3.63	3.37	11
12	1.62	0.858	0.771	1.08	41.5E	36.1	5.57	18.5	7.34	6.99	3.50	3.27	12
13	1.56	0.845	0.808	0.969	40.0E	36.6	5.17	17.9	6.85	7.00	3.42	3.20	13
14	1.53	0.846	0.823	0.976	37.5E	34.7	4.77	16.6	6.39	7.00	3.34	3.11	14
15	1.49	0.869	0.837	1.07	35.5E	32.2	4.44	15.1	6.05	6.76	3.28	3.04	15
16	1.45	0.842	0.835	1.16	34.0E	30.5	4.51	13.5	5.71	6.62	3.22	2.98	16
17	1.40	0.867	0.824	1.17	33.2E	29.1	5.83	11.9	5.39	6.40	3.16	2.87	17
18	1.34	0.894	0.820	1.17	32.8E	27.7	6.64	10.8	5.16	6.25	3.06	2.84	18
19	1.34	0.916	0.821	1.16	32.5E	26.2	6.94	10.7	5.06	6.12	3.00	2.73	19
20	1.30	0.920	0.814	1.15	32.0E	24.5	6.99	10.4	4.81	6.01	3.13	2.65	20
21	1.26	0.923	0.816	1.18	31.5E	22.8	6.79	10.2	4.69	5.84	3.46	2.57	21
22	1.24	0.914	0.799	1.27	31.0E	21.1	6.35	9.82	4.60	5.63	3.48	2.50	22
23	1.20	0.899	0.804	1.68	29.5E	19.4	5.88	9.29	4.26	5.45	3.51	2.46	23
24	1.17	0.882	0.786	2.75	26.5E	17.6	5.36	8.81	3.97	5.37	3.50	2.46	24
25	1.14	0.856	0.776	5.63	24.0E	16.1	5.00	8.40	3.77	5.22	3.44	2.42	25
26	1.11	0.849	0.763	9.76	22.0E	15.0	4.66	7.92	3.71	5.10	3.29	2.38	26
27	1.14	0.838	0.756	13.2	20.0E	15.1	4.29	7.51	3.42	5.06	3.21	2.36	27
28	1.09	0.844	0.766	18.0	18.0E	15.3	4.04	7.23	3.26	4.95	3.16	2.33	28
29	1.07		0.764	16.2	18.0E	15.0	3.82	6.93	3.65	4.89	3.09	2.27	29
30	1.05		0.775	10.7	17.2E	14.5	3.54	6.74	3.95	4.87	3.06	2.21	30
31	1.04		0.814		16.8E		3.33	6.70		4.93		2.20	31
TOTAL	45.47	25.251	24.977	100.319	976.8	658.4	204.87	281.72	186.11	180.74	107.53	90.28	TOTAL
MEAN	1.47	0.902	0.806	3.38	31.5	21.9	6.61	9.09	6.20	5.83	3.58	2.91	MEAN
MAX	1.97	1.04	0.862	18.0	44.0	36.6	13.4	18.5	9.42	7.06	4.84	3.60	MAX
MIN	1.04	0.838	0.756	0.852	16.8	14.5	3.33	2.74	3.26	4.20	3.00	2.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.90
MAXIMUM DAILY, 44.0E ON MAY 8
MINIMUM DAILY, 0.756 ON MAR 27

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 39 20 N
LONG 92 32 15 W
DRAINAGE AREA, 619 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 930	JUL	17 700
FEB	2 180	AUG	24 300
MAR	2 160	SEP	16 100
APR	8 670	OCT	15 600
MAY	84 400	NOV	9 290
JUN	56 900	DEC	7 800

TOTAL DISCHARGE, 249 000 dam³

ROUGE RIVER NEAR MARKHAM - STATION NO. 02HC022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.75	0.310B	0.550B	21.8	0.718	1.08	1.78	0.456	0.511	0.901	1.07	2.77	1
2	1.22 B	0.315B	0.560B	7.70	0.705	0.829	1.21	0.447	0.556	0.760	4.74	2.18	2
3	1.48 B	0.320B	0.560B	13.8	0.717	0.689	0.957	0.492	0.561	0.709	7.26	2.14	3
4	5.50 B	0.320B	0.560B	10.0 B	0.701	0.612	0.837	1.18	0.419	0.633	11.7	3.16	4
5	7.40 B	0.315B	0.560B	4.70 B	0.668	1.36	0.739	0.751	0.377	1.38	8.48	2.94	5
6	3.00 B	0.312B	0.550B	2.00 B	0.627	4.36	0.655	0.548	0.358	1.84	5.06	6.15	6
7	1.80 B	0.304B	0.540B	1.80 B	0.632	2.33	0.651	0.445	0.361	1.96	3.88	3.20	7
8	1.20 B	0.297B	0.530B	1.70 B	0.797	1.37	0.594	0.713	0.399	3.80	1.80	1.97	8
9	0.760B	0.290B	0.520B	1.95	0.614	0.987	0.496	0.747	0.433	1.97	1.38	1.45 B	9
10	0.550B	0.280B	0.510B	1.99	0.597	0.844	0.454	0.552	0.384	1.46	1.19	1.20 B	10
11	0.480B	0.280B	0.680B	2.34	0.618	0.760	0.486	0.486	0.359	1.44	1.26	1.04 B	11
12	0.430B	0.279B	0.900B	2.30	0.623	0.649	0.424	0.453	0.353	1.44	1.61	0.960B	12
13	0.400B	0.285B	5.00 B	3.01	0.572	0.640	0.361	0.409	0.338	1.43	1.54	0.930B	13
14	0.370B	0.300B	16.0 B	3.61	0.585	0.629	0.415	0.389	1.14	1.44	1.24	0.990B	14
15	0.350B	0.350B	13.3 B	2.63	0.601	1.18	0.323	0.370	5.22	1.46	1.13	1.10	15
16	0.340B	0.800B	11.5 B	2.68	0.588	3.99	0.347	0.376	1.56	1.38	1.02	4.53	16
17	0.330B	0.550B	10.0 B	6.12	0.592	1.88	0.849	0.370	0.867	1.35	0.961	2.60 B	17
18	0.320B	0.440B	9.20 B	5.24	0.601	1.12	2.31	0.356	2.70	1.33	0.913	1.68 B	18
19	0.315B	0.580B	8.28	2.66	0.487	1.40	4.55	0.373	1.78	1.18	0.888	1.30 B	19
20	0.310B	0.670B	12.0	4.73	0.634	1.83	2.49	0.432	0.979	1.26	0.916	1.13 B	20
21	0.307B	0.800B	12.8	6.11	0.584	2.30	2.44	0.360	0.726	1.24	3.36	1.09 B	21
22	0.304B	0.650B	10.5	3.31	0.609	2.71	0.387	0.458	0.815	1.08	5.17	1.07 B	22
23	0.300B	0.560B	13.5	1.99	0.810	3.18	0.367	0.639	0.930	1.04	2.58	1.18 B	23
24	0.298B	0.520B	14.0	1.64	0.629	1.63	0.348	0.886	1.04	1.01	6.22	3.80 B	24
25	0.297B	0.500B	12.0	1.50	0.475	1.91	0.363	4.90	1.48	0.931	3.99	15.7	25
26	0.296B	0.490B	7.34	1.38	0.569	7.10	0.357	2.10	1.25	0.846	2.09	22.3	26
27	0.295B	0.500B	2.78 B	1.32	0.614	2.96	0.443	0.955	2.16	0.764	1.66	7.14	27
28	0.298B	0.520B	2.70 B	1.28	0.516	2.19	0.824	0.626	2.58	0.710	1.59	6.09	28
29	0.300B		2.20 B	0.878B	0.232	11.5	0.500	0.545	1.46	0.717	4.29	4.10 B	29
30	0.302B		8.13	0.714	0.786	4.45	0.607	0.585	1.08	0.655	5.77	2.20 B	30
31	0.308B		27.0		0.828		0.505	0.527		0.740		1.60 B	31
TOTAL	31.610	12.137	205.250	122.882	19.329	68.469	28.069	22.926	33.176	38.856	93.958	109.690	TOTAL
MEAN	1.02	0.433	6.62	4.10	0.624	2.28	0.905	0.740	1.11	1.25	3.13	3.54	MEAN
MAX	7.40	0.800	27.0	21.8	0.828	11.5	4.55	4.90	5.22	3.80	11.7	22.3	MAX
MIN	0.295	0.279	0.510	0.714	0.232	0.612	0.323	0.356	0.338	0.633	0.888	0.930	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.15
MAXIMUM DAILY, 27.0 ON MAR 31
MINIMUM DAILY, 0.232 ON MAY 29
MAXIMUM INSTANTANEOUS,
44.5 AT 01:46 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 30 N
LONG 79 13 55 W
DRAINAGE AREA, 186 km²

B - ICE CONDITIONS

REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 730	JUL	2 430
FEB	1 050	AUG	1 980
MAR	17 700	SEP	2 870
APR	10 600	OCT	3 360
MAY	1 670	NOV	8 120
JUN	5 920	DEC	9 480

TOTAL DISCHARGE, 67 900 dam³

RUSCON RIVER NEAR RUSCON STATION - STATION NO. 03GH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.310B	0.980B	1.04 B	4.11	0.154	0.256	0.051	0.035	0.084	0.070	0.182	6.20 E	1
2	0.350B	0.720B	1.02 B	2.50	0.149	0.217	0.037	0.027	0.006	0.052	2.89	3.50 E	2
3	0.420B	0.511B	0.980B	4.79	0.128	0.147	0.047	0.024	0.011	0.038	2.38	2.40 E	3
4	20.5 B	0.480B	0.940B	2.74	0.114	0.116	0.109	0.027	0.011	0.032	1.03	1.60 E	4
5	8.00 B	0.450B	1.00 B	1.21	0.112	0.120	0.099	0.025	0.012	0.023	0.478	3.30 E	5
6	2.62 B	0.410B	1.05 B	0.213	0.110	0.181	0.072	0.024	0.007	0.028	0.271	3.90 E	6
7	1.45 B	0.390B	0.960B	0.118	0.120	0.140	0.050	0.021	0.002	0.038	0.199	4.50 E	7
8	0.480B	0.375B	0.900B	0.383	0.179	0.107	0.040	0.036	0	0.040	0.155	1.80 E	8
9	0.330B	0.355B	0.860B	1.64	0.129	0.095	0.031	0.056	0	0.037	0.135	0.696A	9
10	0.295B	0.345B	0.830B	4.31	0.105	0.093	0.027	0.046	0	0.034	0.139	0.569	10
11	0.255B	0.335B	0.801B	4.55	0.095	0.084	0.038	0.028	0	0.033	0.166	0.515	11
12	0.230B	0.325B	31.0 B	5.60	0.093	0.064	0.044	0.017	0	0.034	0.436	0.361	12
13	0.205B	0.315B	36.0 B	5.53	0.096	0.059	0.037	0.012	0.001	0.029	0.825	0.304	13
14	0.182B	0.305B	52.0 B	2.20	0.098	0.047	0.029	0.007	0.006	0.023	0.513	0.270	14
15	0.155B	0.300B	36.0 B	1.40	0.097	0.044	0.019	0.006	0.006	0.030	0.306	0.353	15
16	0.135B	0.315B	20.0 B	1.12	0.094	0.196	0.019	0.005	0	0.036	0.214	9.86	16
17	0.118B	0.335B	16.4	4.26	0.088	0.190	0.018	0.002	0	0.036	0.168	4.68	17
18	0.065B	0.360B	7.44	1.97	0.067	0.116	0.016	0	0.009	0.034	0.148	1.56	18
19	0.054B	0.390B	5.42	1.07	0.064	0.118	0.017	0	0.015	0.030	0.134	2.31	19
20	0.050B	0.430B	3.59	0.793	0.067	0.224	0.034	0.004	0.015	0.035	1.14	7.88	20
21	0.049B	0.480B	3.34	0.564	0.071	1.40	0.062	0.004	0.012	0.047	8.23	2.72	21
22	0.046B	0.530B	2.31	0.415	0.065	0.953	0.050	0.007	0.014	0.051	5.63	1.26	22
23	0.320B	0.620B	2.21	0.349	0.061	0.363	0.043	0.010	0.014	0.090	2.71	1.40 E	23
24	0.420B	0.680B	2.24	0.313	0.061	0.205	0.037	0.010	0.013	0.085	8.86	2.30 E	24
25	0.920B	0.800B	2.30	0.267	0.058	0.145	0.032	0.011	0.020	0.030	3.89 A	6.40 E	25
26	0.840B	1.30 B	2.55	0.257	0.059	0.116	0.026	0.014	0.026	0.016	2.30 E	13.5 E	26
27	0.760B	1.23 B	1.47	0.233	0.100	0.100	0.032	0.012	0.150	0.014	1.90 E	9.70 E	27
28	0.700B	1.14 B	0.880	0.177	1.36	0.089	0.056	0.006	0.333	0.026	1.60 E	8.20 E	28
29	0.640B		1.01	0.151	1.48	0.085	0.197	0.006	0.237	0.028	6.40 E	6.80 E	29
30	1.20 B		1.76	0.140	0.598	0.078	0.090	0.008	0.117	0.026	7.90 E	3.00 E	30
31	1.10 B		8.72		0.345		0.045	0.005		0.029		1.60 E	31
TOTAL	43.199	15.206	247.021	53.373	6.423	6.148	1.504	0.495	1.041	1.154	61.329	113.438	TOTAL
MEAN	1.39	0.543	7.97	1.78	0.207	0.205	0.049	0.016	0.035	0.037	2.04	3.66	MEAN
MAX	20.5	1.30	52.0	5.60	1.48	1.40	0.197	0.056	0.333	0.090	8.86	13.5	MAX
MIN	0.046	0.300	0.801	0.118	0.058	0.044	0.016	0	0	0.014	0.134	0.270	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.51
MAXIMUM DAILY, 52.0B ON MAR 14
MINIMUM DAILY, 0 ON AUG 18
MAXIMUM INSTANTANEOUS,
60.1B AT 20:58 EST ON MAR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 13 54 N
LONG 82 37 00 W
DRAINAGE AREA, 125 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 730	JUL	130
FEB	1 310	AUG	42.8
MAR	21 300	SEP	89.9
APR	4 610	OCT	99.7
MAY	555	NOV	5 300
JUN	531	DEC	9 800

TOTAL DISCHARGE, 47 500 dam³

SACHIGO RIVER BELOW OUTLET OF SACHIGO LAKE - STATION NO. 04CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.9E	25.0E	18.9E	16.0E	25.0E	52.7	84.1	68.5	63.5	48.0	48.6	38.9	1
2	32.7E	24.8E	18.8E	15.9E	26.0E	53.9	82.5	68.8	60.5	48.6	47.2	39.1	2
3	32.3E	24.6E	18.7E	15.9E	27.1E	56.9	82.8	67.5	61.2	46.6	46.3	39.4	3
4	32.1E	24.3E	18.5E	15.9E	28.2E	55.1	82.8	66.5	59.3	46.6	45.5	38.9	4
5	31.9E	24.1E	18.3E	15.9E	29.4E	57.2	80.7	65.7	59.7	47.4	45.5	38.8	5
6	31.6E	23.9E	18.2E	15.9E	31.1E	57.6	79.1	65.1	62.2	49.8	45.2	38.9	6
7	31.3E	23.7E	18.1E	15.8E	32.6E	56.4	77.3	65.8	62.9	49.8	45.2	38.6	7
8	31.0E	23.4E	18.0E	15.8E	35.0E	56.9	75.4	59.1	61.6	49.8	44.9	38.4	8
9	30.8E	23.2E	17.9E	15.8E	37.4E	57.4	79.8	62.9	60.2	49.9	44.8	38.3	9
10	30.5E	23.0E	17.7E	15.8E	40.0E	56.3	79.8	67.8	61.3	49.1	45.1	37.8	10
11	30.3E	22.8E	17.6E	15.9E	42.1E	62.0	78.1	69.8	61.0	49.1	43.6	37.1	11
12	30.1E	22.6E	17.5E	16.0E	45.0E	64.3	77.2	70.8	60.3	50.9	42.3	37.0	12
13	30.0E	22.4E	17.4E	16.0E	46.6E	69.2	75.3	70.1	56.1	51.8	42.3	36.9	13
14	29.9E	22.1E	17.3E	16.1E	48.0E	72.0	76.4	69.1	56.7	48.6	42.4	36.8	14
15	29.5E	21.9E	17.2E	16.3E	49.0E	75.7	76.5	68.3	58.2	47.5	42.3	36.7	15
16	29.1E	21.7E	17.1E	16.5E	49.9E	75.8	75.2	65.0	57.0	49.4	42.3	36.8	16
17	28.8E	21.4E	17.0E	16.7E	50.8E	77.4	72.4	66.1	53.8	51.5	42.2	36.2	17
18	28.5E	21.2E	16.9E	16.9E	51.8E	77.8	73.3	67.2	56.2	49.8	42.5	35.8	18
19	28.2E	21.0E	16.8E	17.2E	52.8E	80.5	76.7	65.9	54.0	51.4	41.4	35.6	19
20	28.0E	20.8E	16.7E	17.6E	54.0E	82.9	76.9	65.6	54.0	51.3	42.0	35.3	20
21	27.8E	20.6E	16.7E	18.0E	55.0E	83.3	73.3	65.9	54.6	51.8	41.6	35.1	21
22	27.4E	20.3E	16.6E	18.5E	56.6E	86.1	74.4	64.5	53.8	50.7	41.0	34.7	22
23	27.1E	20.1E	16.5E	19.0E	57.8E	87.2	75.9	64.5	49.9	51.8	41.3	34.9	23
24	26.9E	20.0E	16.4E	19.7E	58.0E	81.5	74.1	63.7	50.6	50.8	40.9	34.9	24
25	26.7E	19.8E	16.3E	20.2E	58.0E	83.9	71.3	63.9	51.7	50.4	40.7	34.3	25
26	26.4E	19.6E	16.3E	20.8E	57.8E	86.0	71.9	64.2	47.7	50.2	40.3	33.9	26
27	26.2E	19.4E	16.2E	21.4E	57.0E	82.9	70.9	61.6	47.5	50.4	39.9	33.6	27
28	25.9E	19.2E	16.2E	22.0E	55.6E	81.8	71.2	63.1	49.1	50.0	39.6	33.3	28
29	25.7E		16.1E	23.0E	52.5	81.4	69.5	63.9	49.4	49.5	39.4	33.1	29
30	25.5E		16.1E	24.0E	55.9	82.5	70.0	62.3	47.4	49.4	39.1	33.0	30
31	25.2E		16.0E		55.0		67.3	63.9		49.2		32.9	31
TOTAL	900.3	616.9	533.9	530.5	1 421.0	2 134.6	2 352.1	2 037.1	1 681.4	1 541.1	1 285.4	1 125.0	TOTAL
MEAN	29.0	22.0	17.2	17.7	45.8	71.2	75.9	65.7	56.0	49.7	42.8	36.3	MEAN
MAX	32.9	25.0	18.9	24.0	58.0	87.2	84.1	70.8	63.5	51.8	48.6	39.4	MAX
MIN	25.2	19.2	16.0	15.8	25.0	52.7	67.3	59.1	47.4	46.6	39.1	32.9	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.3
MAXIMUM DAILY, 87.2 ON JUN 23
MINIMUM DAILY, 15.8E ON APR 7
MAXIMUM INSTANTANEOUS,
88.9 AT 16:02 EST ON JUN 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 59 40 N
LONG 92 08 50 W
DRAINAGE AREA, 4 270 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	77 800	JUL	303 000
FEB	53 300	AUG	176 000
MAR	46 100	SEP	165 000
APR	45 800	OCT	133 000
MAY	123 000	NOV	111 000
JUN	184 000	DEC	97 200

TOTAL DISCHARGE, 1 400 000 dam³

SALMON RIVER NEAR SHANNONVILLE - STATION NO. 02HN003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.00B	4.00B	3.28B	70.2	34.9	11.8	6.81	1.61	0.741	1.19	1.96	19.8	1
2	5.90B	4.10B	3.26B	65.6	32.7	11.7	6.13	1.56	0.800	1.16	2.28	18.3	2
3	5.70B	4.20B	3.24B	71.2	30.5	10.2	5.65	1.43	0.786	1.12	2.64	21.1	3
4	8.66	4.20B	3.22B	76.2	28.3	8.74	5.18	1.31	0.787	1.06	4.42	24.9	4
5	11.8	4.20B	3.20B	68.5	26.1	8.07	4.84	1.25	0.794	1.01	8.76	26.5	5
6	11.9	4.10B	3.30B	60.1	24.2	11.1	4.15	1.18	0.785	0.944	9.24	28.3	6
7	11.8	4.00B	3.40B	52.3	21.1	12.9	3.60	1.11	0.782	0.978	9.05	28.5	7
8	10.1	3.90B	3.35B	48.5	21.7	11.3	3.76	1.02	0.706	1.73	8.20	27.0	8
9	9.50B	3.70B	3.32B	46.0	22.0	10.1	3.50	0.974	0.622	1.73	7.43	25.6	9
10	7.50B	3.60B	3.30B	44.9	21.0	9.12	3.25	0.859	0.594	1.86	6.71	23.7	10
11	6.90B	3.50B	3.30B	45.0	19.0	8.44	2.98	0.874	0.552	1.92	6.39	23.3	11
12	6.50B	3.40B	3.50B	44.8	17.1	7.41	3.14	0.850	0.527	2.09	7.27	19.9B	12
13	6.10B	3.35B	5.00B	45.1	16.1	6.68	3.28	0.791	0.494	2.25	10.8	17.0B	13
14	5.80B	3.30B	11.7	46.8	14.9	6.13	2.90	0.747	0.497	2.30	10.8	21.0B	14
15	5.50B	3.50B	14.1	46.1	14.1	5.70	2.66	0.723	0.509	2.34	10.4	22.4	15
16	5.30B	3.70B	15.1	44.9	13.2	5.70	2.53	0.687	0.490	2.37	10.1	28.7	16
17	5.10B	3.50B	14.4	44.3	12.3	5.75	2.44	0.621	0.652	2.24	9.95	27.8	17
18	4.90B	3.30B	16.1	44.7	11.4	5.51	2.53	0.583	0.898	2.08	9.63	26.3	18
19	4.70B	3.40B	19.7	43.1	10.8	5.28	2.68	0.465	0.928	1.95	9.49	25.0	19
20	4.50B	3.60B	22.7	42.7	10.4	5.13	2.60	0.450	0.980	1.85	9.25	23.1	20
21	4.30B	3.80B	28.6	50.8	9.50	8.68	2.36	0.427	0.921	1.88	10.2	21.9	21
22	4.20B	3.80B	27.6	50.1	8.56	11.7	2.14	0.425	0.892	1.97	12.0	20.8	22
23	4.30B	3.70B	30.6	48.5	7.89	10.9	2.01	0.484	0.947	1.83	12.2	20.4	23
24	4.50B	3.60B	34.9	46.4	8.00	11.9	1.87	0.551	0.955	1.68	14.8	20.2	24
25	4.70B	3.50B	39.3	44.8	8.04	11.6	1.74	0.923	0.987	1.59	15.5	27.6	25
26	4.46B	3.40B	45.6	43.4	7.63	10.9	1.71	1.06	1.10	1.57	15.4	36.7	26
27	4.30B	3.30B	41.7	42.1	7.07	9.40	1.69	1.03	1.18	1.57	14.7	38.0	27
28	4.10B	3.30B	35.3	40.3	8.72	8.37	1.70	1.04	1.20	1.62	13.9	36.7	28
29	3.90B		38.7	38.7	12.7	7.74	1.78	0.978	1.21	1.67	15.8	37.2	29
30	3.80B		39.0	37.1	11.5	7.41	1.83	0.898	1.21	1.73	18.5	33.7	30
31	3.90B		46.0		11.9		1.75	0.823		1.83		28.4B	31
TOTAL	189.62	102.95	565.57	1 493.4	503.31	265.36	95.19	27.633	24.446	53.108	297.73	800.8	TOTAL
MEAN	6.12	3.68	18.2	49.8	16.2	8.85	3.07	0.891	0.815	1.71	9.92	25.8	MEAN
MAX	11.9	4.20	46.0	76.2	34.9	12.9	6.81	1.61	1.21	2.37	18.5	38.0	MAX
MIN	3.80	3.30	3.20	37.1	7.07	5.13	1.69	0.425	0.490	0.944	1.96	17.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.1
MAXIMUM DAILY, 76.2 ON APR 4
MINIMUM DAILY, 0.425 ON AUG 22
MAXIMUM INSTANTANEOUS,
81.6 AT 18:11 EST ON APR 3

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 12 28 N
LONG 77 12 35 W
DRAINAGE AREA, 891 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 400	JUL	8 220
FEB	8 890	AUG	2 390
MAR	48 900	SEP	2 110
APR	129 000	OCT	4 590
MAY	43 500	NOV	25 700
JUN	22 900	DEC	69 200

TOTAL DISCHARGE, 382 000 dam³

SALVESEN LAKE NEAR OUTLET - STATION NO. 05QE011

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.407	0.403	0.372	0.363E	0.846	0.949	0.761	0.684	0.510	0.434	0.524	0.439	1
2	0.414	0.401	0.367	0.363E	0.863	0.954	0.761	0.682	0.509	0.445	0.522	0.443	2
3	0.415	0.399	0.365	0.363E	0.883	0.952	0.829	0.676	0.507	0.444	0.517	0.447	3
4	0.412	0.397	0.366	0.363E	0.906	0.945	0.864	0.673	0.505	0.451	0.512	0.441	4
5	0.413	0.396	0.364	0.363E	0.948	0.937	0.894	0.667	0.498	0.449	0.509	0.441	5
6	0.410	0.395	0.364	0.363E	0.976	0.931	0.902	0.659	0.491	0.446	0.506	0.431	6
7	0.408A	0.395	0.360	0.365E	0.988	0.939	0.889	0.647	0.487	0.458	0.505	0.426	7
8	0.409E	0.396	0.356	0.363E	1.005	0.968	0.873	0.640	0.488	0.463	0.502	0.418	8
9	0.410E	0.393	0.357	0.363E	1.013	0.958	0.859	0.635	0.489	0.465	0.497	0.414	9
10	0.411E	0.393	0.360	0.363E	1.021	0.969	0.843	0.628	0.486	0.474	0.493	0.416	10
11	0.411E	0.391	0.358	0.363E	1.028	0.979	0.832	0.618	0.478	0.485	0.489	0.410	11
12	0.412E	0.386	0.359	0.363E	1.037	0.975	0.824	0.607	0.473	0.493	0.480	0.410	12
13	0.413E	0.385	0.361	0.363E	1.036	0.973	0.816	0.599	0.469	0.501	0.475	0.415	13
14	0.414A	0.386	0.359	0.368E	1.031	0.968	0.803	0.594	0.465	0.504	0.471	0.412	14
15	0.416	0.388	0.366	0.375E	1.033	0.970	0.794	0.593	0.459	0.504	0.471	0.410	15
16	0.420	0.388	0.366	0.385E	1.029	0.975	0.782	0.587	0.455	0.503	0.468	0.410	16
17	0.416	0.392	0.366	0.430E	1.027	0.962	0.798	0.581	0.452	0.506	0.466	0.416	17
18	0.418	0.390	0.362	0.500E	1.027	0.944	0.784	0.581	0.446	0.508	0.464	0.419	18
19	0.420	0.390	0.359	0.536A	1.028	0.928	0.782	0.578	0.445	0.509	0.464	0.415	19
20	0.417	0.388	0.359	0.547	1.024	0.914	0.774	0.573	0.439	0.505	0.470	0.415	20
21	0.417	0.385	0.358	0.562	1.019	0.903	0.766	0.565	0.437	0.509	0.467	0.415	21
22	0.414	0.383	0.357	0.584	1.014	0.892	0.754	0.558	0.437	0.513	0.459	0.413	22
23	0.415	0.377	0.361E	0.629	1.003	0.880	0.750	0.553	0.443	0.515	0.452	0.419	23
24	0.411	0.373	0.364E	0.699	0.993	0.862	0.752	0.545	0.440	0.519	0.448	0.418	24
25	0.407	0.370	0.365E	0.758	0.981	0.847	0.743	0.535	0.435	0.523	0.442	0.414	25
26	0.408	0.372	0.365E	0.784	0.971	0.833	0.732	0.525	0.433	0.524	0.437	0.408	26
27	0.409	0.368	0.365E	0.801	0.960	0.819	0.722	0.517	0.429	0.528	0.436	0.411	27
28	0.407	0.371	0.365E	0.811	0.947	0.805	0.709	0.516	0.440	0.528	0.437	0.407	28
29	0.407		0.365E	0.817	0.935	0.787	0.704	0.518	0.441	0.525	0.437	0.404	29
30	0.407		0.364E	0.828	0.928	0.774	0.704	0.513	0.433	0.522	0.437	0.398	30
31	0.406		0.363E		0.929		0.698	0.513		0.523		0.399	31
MEAN	0.412	0.388	0.363	0.505	0.982	0.916	0.790	0.592	0.464	0.493	0.475	0.418	MEAN
MAX	0.420	0.403	0.372	0.828	1.037	0.979	0.902	0.684	0.510	0.528	0.524	0.447	MAX
MIN	0.406	0.368	0.356	0.363	0.846	0.774	0.698	0.513	0.429	0.434	0.436	0.398	MIN

WATER LEVELS IN METRES

MEAN, 0.568
MAXIMUM DAILY, 1.037 ON MAY 12
MINIMUM DAILY, 0.356 ON MAR 8
MAXIMUM INSTANTANEOUS,
1.040 AT 20:05 CST ON MAY 12

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 18 N
LONG 94 26 33 W

A - MANUAL GAUGE

E - ESTIMATED

SANDY LAKE AT SANDY LAKE - STATION NO. 09CA001

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.822	28.724E	28.655E	28.615E	28.971	29.388E	29.532E	29.233E	29.127	28.984	28.868	28.863	1
2	28.822	28.722E	28.653E	28.614E	28.981	29.399E	29.461E	29.242E	29.127	28.973	28.878	28.863	2
3	28.812	28.719E	28.651E	28.613E	29.001	29.388E	29.500E	29.231E	29.117	28.963	28.897	28.852	3
4	28.812	28.716E	28.649E	28.612E	29.011	29.378E	29.489E	29.230E	29.117	28.962	28.897	28.862	4
5	28.822	28.713E	28.648E	28.611E	29.041	29.387E	29.498E	29.239E	29.127	28.972	28.906	28.861	5
6	28.812	28.710E	28.646E	28.611E	29.062	29.396E	29.527E	29.228E	29.117	28.981	28.916	28.881	6
7	28.822	28.708E	28.644E	28.612E	29.072	29.415E	29.526E	29.227E	29.097	29.001	28.925	28.880	7
8	28.822	28.705E	28.642E	28.613E	29.092	29.414E	29.415E	29.236E	29.097	29.010	28.915	28.870	8
9	28.822	28.702E	28.641E	28.615E	29.112	29.423E	29.394E	29.225E	29.087	29.010	28.914	28.879	9
10	28.812	28.700E	28.640E	28.617E	29.132	29.432E	29.373E	29.234E	29.097	28.999	28.894	28.889	10
11	28.812	28.698E	28.638E	28.621E	29.152	29.451E	29.273E	29.233E	29.087	28.989	28.903	28.898	11
12	28.802	28.696E	28.636E	28.627E	29.163	29.450E	29.282E	29.186	29.078	28.958	28.893	28.888	12
13	28.795	28.693E	28.634E	28.633E	29.193	29.429E	29.301E	29.196	29.058	28.938	28.872	28.857	13
14	28.793	28.690E	28.632E	28.642E	29.223	29.410E	29.320E	29.186	29.038	28.947	28.872	28.847	14
15	28.802	28.688E	28.631E	28.652E	29.253	29.427E	29.299E	29.186	29.018	28.927	28.891	28.856	15
16	28.782	28.686E	28.630E	28.663E	29.263	29.426E	29.278E	29.176	29.018	28.916	28.891	28.856	16
17	28.782	28.683E	28.629E	28.678E	29.283	29.435E	29.277E	29.186	29.018	28.926	28.870	28.855	17
18	28.782	28.680E	28.628E	28.692E	29.294	29.474E	29.266E	29.196	28.998	28.935	28.870	28.845	18
19	28.772	28.678E	28.627E	28.709	29.294	29.493E	29.255E	29.216	28.998	28.945	28.859	28.834	19
20	28.752	28.675E	28.625E	28.719	29.304	29.522E	29.234E	29.256	28.988	28.944	28.859	28.834	20
21	28.752	28.673E	28.624	28.739	29.294	29.541E	29.253E	29.286	28.998	28.934	28.858	28.833	21
22	28.742	28.671E	28.623E	28.749	29.314	29.590E	29.252E	29.267	28.992	28.933	28.868	28.833	22
23	28.752	28.669E	28.622E	28.779	29.354	29.620E	29.231E	29.247	28.978	28.923	28.857	28.822	23
24	28.742	28.667E	28.621E	28.790	29.364	29.619E	29.240E	29.227	28.987	28.922	28.867	28.842	24
25	28.742E	28.665E	28.620E	28.810	29.385	29.608E	29.229E	29.197	28.987	28.902	28.856	28.841	25
26	28.740E	28.663E	28.620E	28.830	29.405	29.567E	29.238E	29.117	28.986	28.901	28.846	28.831	26
27	28.738E	28.661E	28.619E	28.850	29.378	29.566E	29.237E	29.127	28.986	28.881	28.855	28.830	27
28	28.735E	28.659E	28.618E	28.900	29.384E	29.555E	29.246E	29.127	28.995	28.880	28.855	28.830	28
29	28.732E		28.618E	28.920	29.383E	29.574E	29.255E	29.127	28.975	28.860	28.854	28.829	29
30	28.730E		28.617E	28.961	29.382E	29.563E	29.245E	29.117	28.984	28.859	28.864	28.829	30
31	28.728E		28.616E		29.391E		29.234E	29.117		28.869		28.818	31
MEAN	28.780	28.690	28.632	28.703	29.224	29.478	29.328	29.200	29.043	28.939	28.879	28.852	MEAN
MAX	28.822	28.724	28.655	28.961	29.405	29.620	29.532	29.286	29.127	29.010	28.925	28.898	MAX
MIN	28.728	28.659	28.616	28.611	28.971	29.378	29.229	29.117	28.975	28.859	28.846	28.818	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 28.981
MAXIMUM DAILY, 29.620E ON JUN 23
MINIMUM DAILY, 28.611E ON APR 5

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 03 03 N
LONG 93 20 15 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SAUBLE RIVER AT SAUBLE FALLS - STATION NO. 02FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.8	8.53	7.48	152	23.0	7.26	7.53	2.52	2.47	3.06	5.25	30.7	1
2	11.1	8.59	7.38	156	21.1	7.07	6.37	2.55	4.82	2.82	6.22	27.4	2
3	11.8	8.56	7.06	132	19.9	6.06	5.55	2.85	5.02	2.60	10.8	40.1	3
4	13.2	8.25	7.04	120	18.8	5.27	5.13	3.41	4.23	2.39	12.8	45.1	4
5	17.5	8.10	7.18	87.3	17.6	4.62	4.80	3.66	3.51	2.23	11.0	40.4	5
6	18.9	7.98	6.95	74.0	16.8	4.38	4.54	3.40	3.25	2.15	10.6	39.8	6
7	18.0	7.92	7.02	63.2	16.0	4.18	4.10	3.60	2.78	2.16	10.5	36.3	7
8	16.4	7.92	6.79	59.2	15.6	4.05	3.80	3.39	2.51	2.20	9.97	31.1	8
9	14.4	7.91	6.80	55.2	14.9	3.85	3.63	2.96	2.33	2.14	9.39	27.3	9
10	12.6	7.82	6.72	55.9	14.1	3.64	3.49	2.77	2.16	2.07	8.76	22.7	10
11	12.2	7.69	7.06	54.0	13.6	3.44	3.30	2.86	2.05	2.09	8.41	23.0	11
12	11.8 B	7.64	7.68	51.4	12.7	3.22	3.17	2.67	1.92	2.29	10.1	20.7	12
13	11.6 B	7.64	9.66	56.7	10.9	3.12	3.11	2.52	1.83	2.37	15.2	19.1	13
14	11.2 B	7.61	10.2	63.0	7.86	3.23	2.92	2.38	2.95	2.61	14.8	19.4	14
15	10.9 B	7.55	21.2	57.3	7.65	3.91	3.34	2.25	3.18	6.77	13.3	19.0	15
16	10.7 B	7.53	25.5	53.9	7.64	9.99	3.17	2.18	2.77	9.02	12.2	27.0	16
17	10.5	7.47	29.8	57.9	7.57	14.0	3.05	1.92	2.55	8.98	11.3	32.9	17
18	10.4 B	7.42	34.9	60.3	7.13	10.7	3.05	1.48	3.46	8.45	10.7	27.0	18
19	10.2 B	7.44	39.0	55.6	6.69	11.6	3.07	1.47	4.37	8.08	11.0	24.3	19
20	10.0 B	7.47	41.3	52.1	6.91	17.1	2.77	1.40	4.17	7.69	14.0	22.4	20
21	9.92B	7.46	44.4	49.9	6.88	19.5	2.63	1.32	3.92	7.32	17.7	21.2	21
22	9.88B	7.48	45.0	44.0	6.25	18.1	2.52	1.72	3.54	7.42	18.5	20.2	22
23	9.84B	7.57	41.8	40.5	6.31	14.2	2.45	2.41	3.30	7.21	16.9	19.6	23
24	10.1	7.51	39.6	37.1	5.96	10.9	2.41	2.67	3.06	6.71	21.4	26.3	24
25	9.78	7.35	42.4	34.5	6.08	9.25	2.49	3.71	2.91	6.32	22.2	43.2	25
26	9.83	7.51	45.5	32.6	6.54	8.51	2.27	4.30	2.84	6.19	18.8	58.1	26
27	9.63	7.46	43.1	30.8	6.47	7.55	2.20	4.69	2.99	6.03	16.4	46.2	27
28	9.47	7.28	38.5	28.7	6.76	7.88	2.36	3.90	3.40	5.83	14.8	35.6	28
29	9.52		36.2	26.7	8.38	9.67	2.10	3.32	3.23	5.62	22.3	32.7	29
30	9.30		39.4	24.7	8.01	8.33	2.32	2.87	3.20	5.85	35.2	29.0	30
31	9.06		84.5		7.17		2.63	2.54		5.30		23.7	31
TOTAL	360.53	216.66	801.12	1 866.5	380.66	244.54	106.27	85.69	94.72	151.57	420.44	931.5	TOTAL
MEAN	11.6	7.74	25.8	62.2	11.0	8.15	3.43	2.76	3.16	4.89	14.0	30.0	MEAN
MAX	18.9	8.59	84.5	156	23.0	19.5	7.53	4.69	5.02	9.02	35.2	58.1	MAX
MIN	9.06	7.28	6.72	24.7	5.96	3.12	2.10	1.32	1.83	2.07	5.25	19.0	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.4
MAXIMUM DAILY, 156 ON APR 2
MINIMUM DAILY, 1.32 ON AUG 21
MAXIMUM INSTANTANEOUS,
168 AT 00:02 EST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 40 10 N
LONG 81 15 10 W
DRAINAGE AREA, 927 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 100	JUL	9 180
FEB	18 700	AUG	7 400
MAR	69 200	SEP	8 180
APR	161 000	OCT	13 100
MAY	29 400	NOV	36 300
JUN	21 100	DEC	80 500

TOTAL DISCHARGE, 485 090 dam³

SAUGEEN RIVER ABOVE DURHAM - STATION NO. 02FC016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.91B	1.37B	1.11B	34.5	4.31	2.66	2.17	1.36	1.68	2.46	1.98	14.7	1
2	1.99B	1.34B	1.14B	39.9	3.86	2.59	1.81	1.72	1.62	2.12	6.94	12.3	2
3	2.17B	1.29B	1.13B	40.8	3.51	2.30	1.55	1.90	1.67	2.02	8.43	11.6	3
4	2.65B	1.28B	1.11B	34.9	3.10	1.91	1.43	2.08	1.62	1.79	8.75	12.4	4
5	3.30B	1.27B	1.10B	25.4	2.98	1.79	1.33	1.89	1.51	1.63	8.01	13.5	5
6	4.19B	1.25B	1.09B	22.1	2.69	1.77	1.21	1.78	1.43	1.58	7.15	16.6	6
7	3.57B	1.23B	1.08B	18.8	2.61	1.68	1.10	1.66	1.39	1.39	6.25	17.8	7
8	3.18B	1.22B	1.07B	15.8	2.55	1.62	1.03	1.38	1.28	1.34	7.28	13.9	8
9	2.86B	1.20B	1.06B	13.9	2.42	1.52	0.969	1.21	1.09	1.24	8.40	8.34B	9
10	2.67B	1.18B	1.06B	13.7	2.37	1.40	0.869	1.07	0.967	1.24	7.32	5.85B	10
11	2.48B	1.15B	1.12B	13.4	2.21	1.32	0.981	0.950	0.912	1.39	5.85	5.00B	11
12	2.35B	1.13B	1.23B	12.3	2.03	1.21	1.06	0.906	0.895	1.36	6.92	5.35B	12
13	2.22B	1.12B	1.70B	16.1	1.89	1.10	0.869	0.826	0.822	1.28	10.5	4.56B	13
14	2.10B	1.11B	2.38B	21.0	1.78	1.02	0.872	0.754	0.914	1.27	10.5	4.32B	14
15	2.01B	1.10B	3.33B	25.1	1.66	2.10	0.822	0.812	1.47	1.73	8.29	4.71	15
16	1.94B	1.09B	4.34B	33.8	1.62	5.56	0.775	0.701	1.35	2.01	6.42	6.83B	16
17	1.88B	1.08B	5.25B	67.6	1.67	4.74	0.961	0.637	1.35	2.10	5.36	8.55B	17
18	1.81B	1.10B	6.17B	84.1	1.54	3.57	1.13	0.601	3.06	2.14	4.97	7.97B	18
19	1.76B	1.12B	6.66B	45.9	1.43	5.51	0.947	0.670	3.62	2.14	5.02	6.68	19
20	1.70B	1.18B	7.21B	26.3	1.43	8.62	0.870	3.28	3.15	2.19	5.72	5.52	20
21	1.64B	1.17B	7.68B	25.6	1.36	14.7	0.798	2.40	2.60	2.23	10.3	5.03	21
22	1.67B	1.16B	7.20B	21.1	1.32	15.1	0.740	2.24	2.20	2.40	14.1	4.76	22
23	1.74B	1.14B	6.76B	14.4	2.55	13.0	0.689	3.42	2.12	2.37	12.7	4.63	23
24	1.72B	1.12B	6.39B	11.2	2.72	9.28	0.653	3.18	2.02	2.16	11.5	7.66	24
25	1.69B	1.11B	6.78B	9.71	2.56	5.89	0.638	4.75	2.12	1.98	10.3	21.8	25
26	1.63B	1.10B	7.15B	8.67	2.25	4.75	0.646	5.54	2.39	1.81	8.25	32.8	26
27	1.57B	1.09B	7.58B	7.81	1.91	4.07	0.746	4.76	2.72	1.66	6.48	25.0	27
28	1.52B	1.08B	7.02B	6.72	3.08	3.49	1.91	3.43	3.74	1.60	5.73	16.2	28
29	1.48B		6.64B	5.74	3.36	2.82	1.46	2.66	3.56	1.50	8.02	12.5	29
30	1.44B		7.99	4.87	3.37	2.61	1.51	2.35	2.85	1.39	13.6	8.78B	30
31	1.41B		19.5		2.90		1.80	1.94		1.37		6.18B	31
TOTAL	66.24	32.79	141.03	721.32	74.96	129.70	34.332	62.537	58.080	54.81	238.92	331.02	TOTAL
MEAN	2.14	1.17	4.55	24.0	2.42	4.32	1.11	2.02	1.94	1.77	7.96	10.7	MEAN
MAX	4.19	1.37	19.5	84.1	4.31	15.1	2.17	5.54	3.74	2.46	14.1	32.8	MAX
MIN	1.41	1.08	1.06	8.87	1.32	1.02	0.638	0.601	0.822	1.24	1.90	4.32	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.33
MAXIMUM DAILY, 84.1 ON APR 18
MINIMUM DAILY, 0.601 ON AUG 18
MAXIMUM INSTANTANEOUS,
87.1 AT 02:26 EST ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 11 08 N
LONG 80 47 13 W
DRAINAGE AREA, 329 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 720	JUL	2 970
FEB	2 830	AUG	5 400
MAR	12 200	SEP	5 020
APR	62 300	OCT	4 740
MAY	6 480	NOV	20 600
JUN	11 200	DEC	28 600

TOTAL DISCHARGE, 168 000 dam³

SAUGEEN RIVER NEAR PORT ELGIN - STATION NO. 02FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.7B	25.3B	23.2B	623	64.2	49.9	41.9	24.9	23.6	29.6	19.6	139	1
2	34.3B	25.0B	22.7B	510	59.4	47.0	37.2	24.0	23.6	26.2	36.2	140	2
3	37.2B	24.7B	22.4B	474	55.6	43.1	33.9	26.6	23.1	24.0	71.1	185	3
4	42.6B	24.4B	22.2B	448	52.4	38.0	31.3	29.1	22.8	22.3	76.4	168	4
5	48.4B	24.0B	22.0B	330	49.6	33.7	29.6	30.6	21.8	21.0	70.0	151	5
6	59.6B	23.7B	22.4B	272	47.4	32.3	27.5	28.9	21.0	19.7	64.3	172	6
7	52.2B	23.4B	22.7B	237	45.2	32.8	25.6	25.5	20.2	19.0	59.0	167	7
8	47.6B	23.1B	22.8B	207	44.1	31.4	23.7	24.0	19.0	18.3	54.9	145	8
9	43.5B	22.8B	22.6B	191	43.7	29.9	22.4	24.0	17.6	18.1	51.9	116	9
10	41.0B	22.6B	21.9B	190	42.2	28.2	21.4	23.1	16.6	17.8	49.8	85.7	10
11	39.8B	22.4B	24.6B	177	40.6	27.2	21.0	21.1	15.9	18.3	46.4	76.6	11
12	38.3B	22.3B	32.5B	167	39.3	26.1	20.5	19.5	15.1	20.0	52.8	70.6	12
13	37.0B	22.6B	58.0B	188	38.1	24.4	21.2	18.2	14.7	20.5	79.4	62.2	13
14	35.9B	23.7B	93.8B	219	36.4	23.4	20.4	17.3	15.6	20.0	85.0	52.0	14
15	34.2B	24.4B	112 B	216	34.6	28.5	19.4	16.5	16.0	20.3	78.9	59.8	15
16	32.9B	25.6B	119 B	222	33.3	123	98.6	15.9	16.8	22.7	69.1	117	16
17	32.1B	26.3B	125 B	266	33.2	115	18.0	15.1	18.0	27.7	59.3	132	17
18	31.3B	26.2B	134 B	317	32.8	82.2	18.7	14.6	21.2	28.6	54.0	103	18
19	30.5B	26.1B	126 B	339	31.8	94.6	21.3	14.0	20.8	27.0	52.4	95.0B	19
20	29.4B	26.0B	117 B	271	31.1	147	21.7	21.0	31.6	25.1	57.3	80.5	20
21	28.5B	26.0B	109 B	214	31.9	190	19.6	30.8	28.8	24.5	75.7	70.3	21
22	27.8B	25.9B	106 B	195	31.2	177	18.0	29.8	25.9	24.5	106	64.8	22
23	28.0B	25.8B	103 B	165	32.9	143	17.1	30.8	23.9	23.5	113	61.5	23
24	28.6B	25.6B	130 B	133	42.8	117	16.2	34.6	23.9	22.9	142	116	24
25	28.0B	25.2B	169 B	112	46.0	91.3	15.3	39.0	22.9	22.3	130	225	25
26	28.2B	24.7B	158 B	99.7	41.9	80.1	15.1	48.4	23.2	21.2	104	262	26
27	27.4B	24.2B	147 B	90.1	37.5	74.2	15.5	45.1	24.7	20.8	85.2	287	27
28	26.9B	23.7B	138 B	82.9	37.3	68.6	19.9	37.5	30.0	20.1	70.7	201	28
29	26.3B		133 B	76.8	56.2	55.4	27.5	31.4	35.1	19.4	105	162	29
30	25.9B		156 B	69.8	55.1	48.6	46.6	27.6	33.1	18.9	141	131	30
31	25.6B		574		53.2		23.7	25.2		18.8		105	31
TOTAL	1 083.3	685.7	3 089.8	7 102.3	1 319.0	2 098.9	710.1	814.1	674.5	683.1	2 260.4	3 963.0	TOTAL
MEAN	34.9	24.5	99.7	237	42.5	70.0	22.9	26.3	22.5	22.0	75.3	128	MEAN
MAX	59.6	26.3	574	623	64.2	190	41.9	48.4	35.1	29.6	142	262	MAX
MIN	25.6	22.3	21.9	69.8	31.1	23.4	15.1	14.0	14.7	17.8	19.6	52.0	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 67.1
MAXIMUM DAILY, 623 ON APR 1
MINIMUM DAILY, 14.0 ON AUG 19
MAXIMUM INSTANTANEOUS,
750 AT 23:16 EST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 27 23 N
LONG 81 19 36 W
DRAINAGE AREA, 3 960 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	93 600	JUL	61 400
FEB	59 200	AUG	70 300
MAR	267 000	SEP	58 300
APR	614 000	OCT	59 000
MAY	114 000	NOV	195 000
JUN	181 000	DEC	342 000

TOTAL DISCHARGE, 2 110 000 dam³

SAUGEEN RIVER NEAR WALKERTON - STATION NO. 02FC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.0B	13.2B	11.4B	328	36.6	26.2	20.7	15.0	14.5 E	17.4E	14.8	82.4	1
2	18.0B	13.0B	11.3B	276	33.7	24.9	18.9	15.3	14.0 E	16.4E	21.4	71.8	2
3	19.5B	12.5B	11.3B	259	31.9	22.4	17.5	18.2	13.6 E	15.2E	41.3	67.8	3
4	22.4B	12.3B	11.4B	235	30.1	20.1	16.8	18.6	13.2 E	14.2E	45.0	73.0	4
5	25.2B	12.1B	11.6B	160	28.6	18.8	15.8	17.7	12.8 E	13.4E	42.5	79.6	5
6	28.9B	11.9B	11.7B	192	27.3	20.3	14.8	15.7	12.2 E	12.6A	38.8	95.9	6
7	27.9B	11.7B	11.7B	118	25.9	19.6	13.9	14.0	11.6 E	12.6E	34.4	103	7
8	26.2B	11.5B	11.6B	103	25.9	18.5	13.2	13.5	11.2 E	12.6E	32.9	84.1	8
9	25.0B	11.4B	11.5B	96.7	25.4	17.5	12.7	13.3	10.7 E	12.5E	34.2	61.0	9
10	23.9B	11.4B	11.6B	96.6	24.2	17.1	12.4	12.3	10.4 E	12.4E	32.4	42.0B	10
11	22.2B	11.3B	13.0B	92.7	23.5	16.7	12.3	11.6	10.0 E	12.4E	29.5	39.0B	11
12	21.0B	11.5B	16.4B	84.7	22.9	15.4	13.5	10.9	9.80E	12.5A	33.6	35.0B	12
13	20.0B	11.7B	38.9B	102	21.8	14.4	12.0	10.6	9.60E	11.8	48.6	29.5B	13
14	18.8B	12.0B	50.2B	129	20.7	13.8	12.1	10.4	10.0 E	11.6	51.4	32.0B	14
15	17.9B	12.8B	53.8B	138	19.9	18.4	11.6	9.99	10.3 E	12.4	46.0	34.0	15
16	17.2B	13.0B	55.2B	152	19.4	51.2	11.3	9.65	10.7 E	15.0	37.8	52.8	16
17	16.3B	13.2B	58.3B	201	19.8	42.3	11.6	9.35	11.0 E	15.5	32.2	54.8	17
18	15.7B	13.0B	59.7B	266	19.3	32.8	14.2	9.80E	15.5 E	15.2	29.3	52.5	18
19	15.1B	12.9B	54.2B	225	18.3	46.6	14.8	21.0 E	20.5 E	14.6	29.3	48.9	19
20	14.5B	12.7B	51.5B	150	19.1	69.8	13.0	36.0 E	18.8 E	14.2	32.8	41.7	20
21	14.2B	12.4B	49.8B	136	18.9	95.0	11.9	33.0 E	17.0 E	14.6	49.2	37.2	21
22	13.9B	12.3B	48.4B	123	17.7	91.1	11.1	29.5 E	15.0 A	14.2	77.5	34.3	22
23	13.7B	12.2B	47.7B	93.4	20.2	78.2	10.5	30.0 E	14.6 E	14.0	73.8	33.9	23
24	13.9B	12.1B	56.3B	74.4	25.1	59.7	10.2	31.0 E	14.3 E	13.7	76.3	54.9	24
25	14.2B	12.0B	65.6B	64.3	23.3	44.3	9.97	35.0 E	14.2 E	13.1	68.3	114	25
26	14.4B	11.9B	59.7B	58.0	21.3	42.3	10.1	40.0 E	14.3 E	12.3	55.1	173	26
27	14.5B	11.8B	52.4B	53.2	19.6	37.0	10.5	34.0 E	16.5 E	11.9	44.3	157	27
28	14.3B	11.6B	49.7B	48.8	23.1	31.5	17.5	28.0 E	23.3 E	11.7	36.7	103	28
29	14.0B		53.6B	43.9	28.5	27.3	17.9	23.0 E	20.5 E	11.9	46.2	79.4	29
30	13.8B		65.9	40.2	30.0	23.5	15.1	19.0 E	19.2 E	11.7	75.0	64.7	30
31	13.5B		204		29.3		16.0	15.5 E		11.6		49.3	31
TOTAL	566.9	341.4	1 311.4	4 089.9	751.3	1 056.7	426.67	610.89	419.30	415.2	1 320.2	2 081.5	TOTAL
MEAN	18.3	12.2	42.3	136	24.2	35.2	13.7	19.7	14.0	13.4	44.0	67.1	MEAN
MAX	28.9	13.2	204	328	36.6	95.0	20.7	40.0	23.3	17.4	77.5	173	MAX
MIN	13.5	11.3	11.3	40.2	17.7	13.8	9.97	9.35	9.60	11.6	14.4	29.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.7
MAXIMUM DAILY, 328 ON APR 1
MINIMUM DAILY, 9.35 ON AUG 17
MAXIMUM INSTANTANEOUS,
339 AT 11:31 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 07 13 N
LONG 81 06 55 W
DRAINAGE AREA, 2 150 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	49 000	JUL	36 700
FEB	29 500	AUG	52 800
MAR	113 000	SEP	36 200
APR	353 000	OCT	35 900
MAY	64 900	NOV	114 000
JUN	91 300	DEC	180 000

TOTAL DISCHARGE, 1 160 000 dam³

SAWMILL CREEK AT OTTAWA - STATION NO. 02LA013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.095B	0.114B	0.095B	3.65	0.233	0.318	0.094	0.550	0.545	0.354	0.108	0.381	1
2	0.152B	0.112B	0.094B	1.73	0.243	0.188	0.154	0.181	0.545	0.126	0.248	0.308	2
3	0.235B	0.112B	0.092B	1.68	0.230	0.141	0.097	0.082	0.139	0.108	0.412	0.786	3
4	0.365B	0.110B	0.092B	1.28	0.218	0.123	0.082	0.079	0.096	0.099	1.21	1.05	4
5	0.540B	0.110B	0.096B	0.852B	0.211	0.121	0.078	0.072	0.084	0.097	0.625	0.490	5
6	0.423B	0.109B	0.099B	0.644B	0.201	0.215	0.076	0.070	0.596	0.095	0.301	0.511	6
7	0.340B	0.107B	0.101B	0.501B	0.198	0.124	0.077	0.071	0.144	0.205	0.223	0.311	7
8	0.245B	0.106B	0.103B	0.454B	0.426	0.092	0.076	0.081	0.109	0.194	0.205	0.251	8
9	0.205B	0.105B	0.105B	0.454	0.560	0.089	0.073	0.074	0.098	0.136	0.178	0.227B	9
10	0.180B	0.104B	0.113B	0.676	0.294	0.087	0.076	0.069	0.089	0.100	0.162	0.211B	10
11	0.169B	0.103B	0.160B	0.761	0.239	0.241	0.197	0.067	0.090	0.100	0.194	0.196B	11
12	0.160B	0.103B	0.240B	0.830	0.220	0.090	0.193	0.084	0.082	0.261	0.367	0.190B	12
13	0.153B	0.102B	1.30 B	1.36	0.202	0.086	0.076	0.066	0.080	0.130	0.217	0.181B	13
14	0.147B	0.101B	1.05	1.38	0.197	0.085	0.079	0.072	0.144	0.138	0.172	0.166B	14
15	0.143B	0.102B	0.337	1.16	0.189	0.211	0.076	0.069	0.106	0.190	0.170	0.259	15
16	0.141B	0.108B	0.265	1.17	0.176	0.431	0.076	0.066	0.092	0.113	0.146	1.25	16
17	0.137B	0.107B	0.302	1.42	0.206	0.105	0.079	0.067	0.082	0.105A	0.151	0.272B	17
18	0.134B	0.105B	0.367	1.08	0.196	0.093	0.471	0.060	0.470	0.105E	0.144	0.166B	18
19	0.130B	0.104B	0.143	0.655	0.243	0.256	0.182	0.066	0.103	0.105E	0.135	0.166B	19
20	0.128B	0.103B	0.166	1.03	0.201	0.123	0.084	0.066	0.089	0.117E	0.133	0.169B	20
21	0.126B	0.102B	0.412	1.79	0.182	0.466	0.086	0.065	0.117	0.115E	0.340	0.170	21
22	0.123B	0.100B	0.670	0.782	0.174	0.437	0.084	0.101	0.086	0.107E	0.196	0.163B	22
23	0.122B	0.100B	0.357	0.565	0.201	0.164	0.083	0.303	0.243	0.110E	0.195	0.521B	23
24	0.120B	0.098B	0.396	0.470	0.192	0.118	0.081	0.074	0.092	0.105E	0.748	0.294	24
25	0.119B	0.097B	0.644	0.417	0.174	0.216	0.087	1.15	0.125	0.110A	0.240	0.890	25
26	0.119B	0.096B	0.879	0.376	0.176	0.125	0.082	0.134	0.087	0.093	0.215	1.60	26
27	0.118B	0.096B	0.565B	0.342	0.167	0.101	0.077	0.116	0.486	0.091	0.178B	0.402	27
28	0.118B	0.096B	0.697B	0.298	0.339	0.094	0.265	0.084	0.181	0.126	0.158B	0.659	28
29	0.117B		0.386	0.268	0.157	0.358	0.127	0.075	0.120A	0.093	0.653	0.622	29
30	0.116B		0.538	0.246	0.155	0.119	0.081	0.070	0.106	0.097	0.322	0.309	30
31	0.114B		2.40		0.263		0.119	0.069		0.105		0.237	31
TOTAL	5.532	2.913	13.064	28.321	7.063	5.417	3.568	4.233	5.426	4.030	8.556	13.408	TOTAL
MEAN	0.178	0.104	0.421	0.961	0.228	0.181	0.115	0.137	0.181	0.130	0.285	0.433	MEAN
MAX	0.540	0.114	2.40	3.65	0.560	0.466	0.471	1.15	0.596	0.354	1.21	1.60	MAX
MIN	0.095	0.096	0.092	0.246	0.155	0.085	0.073	0.060	0.080	0.091	0.108	0.163	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.278
MAXIMUM DAILY, 3.65 ON APR 1
MINIMUM DAILY, 0.060 ON AUG 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 23 16 N
LONG 75 40 28 W
DRAINAGE AREA, 20.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	478	JUL	308
FEB	252	AUG	366
MAR	1 130	SEP	469
APR	2 440	OCT	348
MAY	610	NOV	739
JUN	468	DEC	1 160

TOTAL DISCHARGE, 8 770 dam³

SCHNEIDER CREEK AT KITCHENER - STATION NO. 02GA037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.158E	0.158E	0.144E	2.26	0.147	0.593	0.111	0.270E	0.254	0.206	0.385	0.301	1
2	0.142E	0.158	0.132E	1.33	0.113	0.331	0.058	0.520E	0.376	0.159	0.817	0.244	2
3	0.250E	0.174	0.128E	3.17	0.173	0.190	0.058	0.500E	0.205	0.098	0.874	0.408	3
4	1.00 E	0.185	0.152	0.780	0.219	0.182	0.061	5.80 E	0.080	0.122	0.771	0.931	4
5	0.400E	0.180E	0.173	0.882	0.213	1.10	0.088	0.560E	0.060	0.138	0.249	2.73	5
6	0.235	0.165E	0.107	0.566	0.216	0.548	0.168	0.460E	0.060	0.138	0.154	1.35	6
7	0.197	0.147E	0.097	0.554	0.223	0.283	0.176	0.390E	0.151	0.856	0.115	0.444	7
8	0.195	0.152E	0.145	0.669	0.573	0.257	0.183	0.415E	0.168	0.210	0.185	0.306	8
9	0.115	0.161E	0.169	0.701	0.113	0.227	0.166	0.210E	0.165	0.088	0.162	0.260	9
10	0.067E	0.140E	0.169	0.584	0.167	0.208	0.116	0.160E	0.154	0.044	0.118	0.204	10
11	0.070E	0.120E	0.621	0.620	0.232	0.208	0.116	0.123A	0.080	0.183	0.809	0.140	11
12	0.080E	0.125E	0.470	0.639	0.216	0.129	0.167	0.115E	0.057	0.096	1.93	0.101	12
13	0.094E	0.119E	2.91	1.08	0.222	1.28	0.161	0.100E	0.128	0.112	0.269	0.188	13
14	0.102E	0.124E	1.17	0.647	0.218	0.208	0.167	0.115E	1.37	0.146	0.179	0.169	14
15	0.107E	0.200E	0.966	0.585	0.180	0.841	0.162	0.145E	0.279	0.164	0.161	0.487	15
16	0.099E	0.320E	1.10	1.08	0.110	0.373	0.143	0.090E	0.161	0.111	0.160	1.72	16
17	0.086E	0.240E	1.01	1.38	0.162	0.202	2.20 E	0.122E	0.174	0.089	0.155	0.257	17
18	0.081E	0.180E	0.743	0.588	0.212	0.418	1.60 E	0.162E	0.711	0.105	0.140	0.165	18
19	0.078E	0.205E	0.759	0.455	0.302	0.967	0.550E	0.195E	0.064	0.124	0.136	0.155	19
20	0.091E	0.250E	0.897	1.59	0.451	1.92	0.260E	0.450E	0.120	0.276	0.333	0.197	20
21	0.096E	0.290E	0.787	0.489	0.204	0.651	0.205E	0.113	0.165	0.141	1.53	0.213	21
22	0.088E	0.200E	1.09	0.390	0.263	0.329	0.216E	0.101	0.502	0.106	0.317	0.182	22
23	0.096E	0.160E	1.35	0.328	0.106	0.232	0.180E	0.155	1.27	0.091	1.01	0.357	23
24	0.109E	0.140E	1.51	0.237	0.074	0.208	0.165E	0.159	0.324	0.085	0.767	2.39	24
25	0.100E	0.137E	1.32	0.201	0.152	0.275	0.158E	5.21	0.809	0.109	0.266	3.79	25
26	0.096E	0.154E	1.02	0.224	0.210	0.217	0.155E	0.285	0.146	0.116	0.227	0.787	26
27	0.094E	0.161E	0.593	0.233	0.479	0.093	0.330E	0.224	1.15	0.116	0.176	0.540	27
28	0.130E	0.155E	0.509	0.225	3.04	0.164	1.00 E	0.132	0.299	0.114	0.383	1.13	28
29	0.165E		0.760	0.211	0.246	1.03	0.250E	0.091	0.215	0.103	0.956	0.412	29
30	0.154E		2.67	0.213	0.283	0.189	0.380E	0.139	0.212	0.059	0.442	0.197	30
31	0.164E		9.32		0.238		0.480E	0.183		0.071		0.124	31
TOTAL	4.939	4.908	32.991	22.891	9.755	13.753	10.410	17.694	9.909	4.568	13.176	20.817	TOTAL
MEAN	0.159	0.175	1.06	0.763	0.315	0.458	0.336	0.571	0.330	0.147	0.439	0.672	MEAN
MAX	1.00	0.320	9.32	3.17	3.04	1.92	2.20	5.80	1.37	0.856	1.53	3.79	MAX
MIN	0.067	0.119	0.097	0.201	0.074	0.093	0.058	0.090	0.057	0.044	0.115	0.101	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.454
MAXIMUM DAILY, 9.32 ON MAR 31
MINIMUM DAILY, 0.044 ON OCT 10
MAXIMUM INSTANTANEOUS,
41.0E AT 03:11 EST ON AUG 4

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 26 22 N
LONG 80 28 34 W
DRAINAGE AREA, 25.1 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	427	JUL	899
FEB	424	AUG	1 530
MAR	2 850	SEP	856
APR	1 980	OCT	395
MAY	843	NOV	1 140
JUN	1 190	DEC	1 800

TOTAL DISCHARGE, 14 300 dam³

SCHONBERG RIVER NEAR SCHONBERG - STATION NO. 02EC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.201	0.103	0.110B	5.59	0.183	0.175	0.119	0.039	0.040	0.117	0.218	0.543	1
2	0.198	0.100	0.112B	2.57	0.171	0.189	0.145	0.033	0.040	0.099	0.673	0.418	2
3	0.211	0.101	0.114B	4.04	0.150	0.131	0.059	0.046	0.037	0.094	0.801	0.399	3
4	0.397	0.106	0.116B	1.75 B	0.152	0.098	0.034	0.108	0.039	0.071	0.896	0.541	4
5	0.795	0.106	0.114	1.03 B	0.170	0.143	0.033	0.086	0.036	0.056	0.915	0.776	5
6	0.433	0.115	0.111	0.733B	0.156	0.510	0.029	0.063	0.034	0.056	0.507	2.82	6
7	0.320B	0.109	0.101	0.607B	0.144	0.385	0.039	0.047	0.033	0.102	0.376	0.870	7
8	0.270B	0.108	0.100B	0.451B	0.275	0.261	0.041	0.044	0.027	0.102	0.319	0.528	8
9	0.220B	0.112	0.106B	0.469B	0.297	0.181	0.039	0.044	0.025	0.080	0.252	0.373	9
10	0.165B	0.111	0.118B	0.534	0.216	0.135	0.033	0.039	0.025	0.098	0.208	0.295	10
11	0.120B	0.109	0.140B	0.592	0.172	0.099	0.031	0.036	0.023	0.076	0.207	0.273	11
12	0.100B	0.105	0.270B	0.571	0.162	0.068	0.028	0.035	0.026	0.064	0.266	0.276	12
13	0.083B	0.114	1.20 B	0.712	0.174	0.085	0.027	0.034	0.025	0.074	0.285	0.178	13
14	0.085B	0.109	1.98 B	0.661	0.149	0.078	0.026	0.032	0.042	0.091	0.266	0.169	14
15	0.087B	0.112	4.61	0.587	0.108	0.103	0.029	0.028	0.110	0.088	0.210	0.218	15
16	0.090B	0.133	3.26	0.628	0.063	0.266	0.028	0.027	0.081	0.152	0.188	1.10 B	16
17	0.095B	0.121	2.13	1.69	0.067	0.212	0.051	0.026	0.069	0.181	0.173	0.616B	17
18	0.100B	0.117	2.81	1.06	0.086	0.147	0.089	0.025	0.157	0.156	0.162	0.423	18
19	0.105	0.118	2.30	0.654	0.091	0.360	0.116	0.026	0.118	0.129	0.157	0.329	19
20	0.093	0.120	3.69	1.04	0.110	0.436	0.064	0.028	0.085	0.111	0.162	0.316	20
21	0.089	0.127	2.95	0.956	0.102	0.639	0.043	0.027	0.065	0.093	0.298	0.310	21
22	0.089	0.122	3.07	0.591	0.138	0.734	0.034	0.033	0.073	0.096	0.358	0.290	22
23	0.098	0.119	4.83	0.483	0.177	1.09	0.030	0.036	0.148	0.101	0.335	0.317	23
24	0.098	0.120	5.02	0.427	0.142	0.443	0.028	0.031	0.134	0.087	0.779	1.79	24
25	0.094	0.125B	3.85	0.348	0.150	0.304	0.026	0.189	0.119	0.076	0.529	5.33	25
26	0.084	0.121	1.62 B	0.287	0.122	0.528	0.024	0.126	0.137	0.070	0.351	3.16	26
27	0.079	0.117	1.34 B	0.309	0.103	0.360	0.033	0.075	0.205	0.072	0.289	1.08	27
28	0.079	0.114	1.29 B	0.265	0.182	0.252	0.103	0.049	0.233	0.073	0.268	1.17	28
29	0.083		2.23	0.233	0.198	0.232	0.071	0.041	0.162	0.087	0.690	0.938	29
30	0.086		4.93	0.201	0.178	0.180	0.071	0.040	0.134	0.078	0.832	0.421B	30
31	0.096		11.2		0.162		0.078	0.043		0.079		0.361B	31
TOTAL	5.143	3.194	64.912	30.069	4.750	8.814	1.604	1.536	2.482	2.909	11.950	26.628	TOTAL
MEAN	0.166	0.114	2.09	1.00	0.153	0.294	0.052	0.050	0.083	0.094	0.398	0.859	MEAN
MAX	0.795	0.133	11.2	5.59	0.297	1.09	0.145	0.189	0.233	0.181	0.915	5.33	MAX
MIN	0.079	0.100	0.100	0.201	0.063	0.068	0.024	0.025	0.023	0.056	0.157	0.169	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.469
MAXIMUM DAILY, 11.2 ON MAR 31
MINIMUM DAILY, 0.023 ON SEP 11
MAXIMUM INSTANTANEOUS,
13.4 AT 03:53 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 00 43 N
LONG 79 41 10 W
DRAINAGE AREA, 42.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	444	JUL	139
FEB	276	AUG	133
MAR	5 610	SEP	214
APR	2 680	OCT	251
MAY	410	NOV	1 030
JUN	762	DEC	2 300

TOTAL DISCHARGE, 14 300 dam³

REMARKS - CO-ORDINATES AND DRAINAGE AREA REVISED NOV 1982

SHINE RIVER AT STURGEON FALLS GENERATING STATION - STATION NO. 05PB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.8	37.5	22.7	36.2	42.3	83.3	7.10	79.9	35.3	37.8	99.4	52.8	1
2	17.3	37.8	20.7	42.8	41.8	84.3	12.2	81.5	37.4	40.7	97.8	48.8	2
3	16.8	35.4	22.1	39.5	37.9	81.7	21.2	79.0	37.5	40.2	87.3	46.4	3
4	22.1	34.3	22.1	22.7	40.8	80.4	24.8	77.0	37.1	40.2	85.0	45.9	4
5	21.2	38.2	21.2	22.7	43.1	83.2	30.2	83.5	3.20	40.5	74.8	50.3	5
6	22.2	20.7	23.5	20.1	43.6	48.2	38.8	84.7	0	43.9	71.1	48.2	6
7	25.1	18.7	19.9	18.8	39.2	42.5	41.4	65.6	10.1	42.7	68.3	48.6	7
8	27.8	18.1	20.7	22.7	43.3	42.1	44.3	65.5	7.00	55.7	62.8	53.5	8
9	28.1	20.1	21.2	22.7	40.2	42.2	55.5	65.5	0	72.0	66.4	57.3	9
10	20.7	20.1	20.8	22.1	41.6	43.3	64.8	62.7	10.7	72.7	68.4	60.6	10
11	22.1	21.2	24.8	22.7	42.4	43.8	62.7	58.4	17.8	68.6	87.4	60.5	11
12	20.1	20.7	25.5	21.1	41.2	42.7	70.7	51.4	22.1	71.1	82.6	57.3	12
13	20.7	20.7	25.8	23.5	41.9	41.6	71.7	45.0	43.3	71.7	79.4	55.5	13
14	21.2	21.2	27.4	21.2	41.4	41.7	88.4	49.6	46.8	69.4	79.7	50.0	14
15	21.2	20.7	26.3	39.1	41.9	41.9	102	49.7	41.5	69.2	76.5	42.0	15
16	17.3	21.2	20.1	37.1	40.2	41.4	107	45.7	39.2	68.2	73.4	41.4	16
17	17.7	20.7	17.7	38.6	40.8	41.5	96.3	40.7	36.4	62.5	62.7	41.0	17
18	23.5	34.8	22.1	42.0	41.4	39.2	96.9	43.5	36.5	62.9	39.5	42.7	18
19	20.7	21.9	23.5	39.2	46.8	37.9	86.5	40.7	36.5	64.2	44.0	42.7	19
20	21.2	20.7	22.7	38.2	41.1	38.6	98.7	40.2	36.8	65.6	41.9	42.7	20
21	21.1	26.8	22.7	42.2	40.6	37.4	93.7	39.8	36.5	84.3	45.6	42.7	21
22	22.7	30.[illegible]	25.7	38.6	44.2	41.8	93.1	40.2	37.5	89.2	51.8	41.5	22
23	22.7	39.6	26.6	41.9	49.2	36.8	93.3	40.3	37.5	92.1	61.2	41.6	23
24	43.3	35.2	30.5	39.8	45.8	36.7	98.5	40.2	20.1	88.0	69.2	38.8	24
25	37.8	39.6	22.7	41.3	49.1	35.9	100	39.1	18.7	90.3	72.3	40.8	25
26	36.1	37.8	25.5	43.3	58.0	37.1	109	40.2	18.7	89.7	68.8	41.3	26
27	40.8	21.2	25.5	41.9	78.0	32.5	116	41.2	33.9	92.2	71.1	42.2	27
28	37.9	22.1	25.5	42.6	76.4	20.7	109	39.2	39.8	112	65.3	42.1	28
29	39.0		20.7	51.7	83.5	18.7	101	39.8	39.2	108	62.7	42.7	29
30	37.5		22.7	47.6	84.9	19.1	80.6	38.6	38.2	106	59.0	42.7	30
31	39.2		24.1		82.5		83.5	39.6		99.1		41.2	31
TOTAL	793.9	764.8	761.8	1 013.9	1 525.1	1 334.2	2 298.90	1 608.0	849.30	2 210.7	2 055.4	1 437.8	TOTAL
MEAN	25.6	27.3	24.6	33.8	49.2	44.5	74.2	51.9	28.3	71.3	68.5	46.4	MEAN
MAX	43.3	39.6	37.4	51.7	84.9	84.3	116	81.5	43.3	112	99.4	60.6	MAX
MIN	16.8	18.1	17.7	18.8	37.9	18.7	7.10	38.6	0	37.8	39.5	38.8	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 45.6
MAXIMUM DAILY, 116 ON JUL 27
MINIMUM DAILY, 0 ON SEP 6

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 44 40 N
LONG 92 17 05 W
DRAINAGE AREA, 5 880 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	68 600	JUL	199 000
FEB	66 100	AUG	139 000
MAR	65 800	SEP	73 400
APR	87 600	OCT	191 000
MAY	132 000	NOV	178 000
JUN	115 000	DEC	124 000

TOTAL DISCHARGE, 1 440 000 dam³

DATA CONTRIBUTED BY -
BOISE CASCADE CANADA LIMITED

REGULATED SINCE 1958

SEPARATION LAKE AT WALSTENS OUTPOST CAMP - STATION NO. 05QE014

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	318.642E	318.679	319.001E	319.026	319.205	319.129	319.165	---	---	1
2	---	---	---	318.627E	318.705	318.983E	319.052	319.216	319.121	319.184	---	---	2
3	---	---	---	318.622E	318.727	318.974E	319.138	319.207	319.122	319.198	---	---	3
4	---	---	---	318.609E	318.760	318.970E	319.155	319.198	319.113	319.214	---	---	4
5	---	---	---	318.584E	318.800	318.962E	319.164	319.193	319.116	319.226	---	---	5
6	---	---	---	318.564E	318.822	318.951E	319.167	319.188	319.113	319.252	---	---	6
7	---	---	---	318.543E	318.829	318.973E	319.170	319.170	319.109	319.270	---	---	7
8	---	---	---	318.518E	318.856	318.982E	319.184	319.162	319.094	319.278	---	---	8
9	---	---	---	318.502E	318.876	318.982E	319.197	319.169	319.087	319.289	---	---	9
10	---	---	---	318.489E	318.892	319.010E	319.196	319.173	319.078	319.301	---	---	10
11	---	---	---	318.464E	318.895	319.003E	319.188	319.175	319.058	319.317	---	---	11
12	---	---	---	318.441E	318.903	319.017E	319.176	319.180	319.053	319.329	---	---	12
13	---	---	---	318.419E	318.901	319.023E	319.168	319.173	319.051	319.338	---	---	13
14	---	---	---	318.398E	318.902	319.035E	319.155	319.185	319.049	319.342	---	---	14
15	---	---	---	318.389E	318.923	319.051E	319.144	319.181	319.045	319.353	---	---	15
16	---	---	---	318.383E	318.925A	319.058E	319.129	319.180	319.050	319.372	---	---	16
17	---	---	---	318.367E	318.909E	319.069E	319.129	319.179	319.056	319.392	---	---	17
18	---	---	---	318.348E	318.924E	319.080E	319.125	319.185	319.071	319.388	---	---	18
19	---	---	---	318.329A	318.934E	319.086E	319.134	319.178	319.082	319.397	---	---	19
20	---	---	---	318.311E	318.937E	319.090E	319.126	319.182	319.095	319.404	---	---	20
21	---	---	---	318.303E	318.945E	319.094E	319.131	319.189	319.100	319.414	---	---	21
22	---	---	---	318.307E	318.954E	319.090A	319.142	319.181	319.108	319.425	---	---	22
23	---	---	318.809A	318.327E	318.966E	319.090	319.151	319.179	319.124	319.434	---	---	23
24	---	---	318.789E	318.388E	318.973E	319.070	319.155	319.170	319.135	319.433	---	---	24
25	---	---	318.764E	318.439E	318.983E	319.070	319.161	319.168	319.141	319.440	---	---	25
26	---	---	318.742E	318.487E	318.994E	319.061	319.168	319.158	319.136	319.441	---	---	26
27	---	---	318.719E	318.535E	319.002E	319.048	319.174	319.165	319.151	319.444A	---	---	27
28	---	---	318.704E	318.588E	319.007E	319.047	319.176	319.166	319.173	319.443E	---	---	28
29	---		318.690E	318.630A	319.008E	319.042	319.180	319.160	319.157	319.442E	---	---	29
30	---		318.676E	318.647	318.999E	319.033	319.188	319.134	319.147	319.442E	---	---	30
31	---		318.667E		319.003E		319.191	319.139		319.441E		---	31
MEAN	---	---	---	318.473	318.901	319.031	319.153	319.175	319.102	319.349	---	---	MEAN
MAX	---	---	---	318.647	319.008	319.094	319.197	319.216	319.173	319.444	---	---	MAX
MIN	---	---	---	318.303	318.679	318.951	319.026	319.134	319.045	319.165	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 319.444A ON OCT 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 15 12 N
LONG 94 28 20 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)
APPLY -000.183 m ADJUSTMENT TO CONVERT TO ONTARIO HYDRO PROJECT DATUM

SERPENT RIVER ABOVE QUIRKE LAKE - STATION NO. 02CD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.916	1.53B	1.68B	4.66	11.4	2.01	1.52	0.668	0.846	3.47	5.69	6.34	1
2	1.02	1.52B	1.61B	4.63	11.3	1.96	1.55	0.567	1.23	3.66	5.51	6.20	2
3	1.08	1.70B	1.58B	4.90	11.1	1.78	1.53	0.572	1.50	3.67	5.62	6.31	3
4	1.14	1.93B	1.52B	5.53	10.7	2.01	1.48	0.574	1.40	3.54	5.30	6.23	4
5	1.30	1.89B	1.49B	5.88	10.3	2.37	1.44	0.539	1.25	3.33	5.16	6.23	5
6	1.35	1.84B	1.46B	5.71	10.1	2.30	1.43	0.543	1.22	3.30	4.98	7.10	6
7	1.34	1.80B	1.43B	5.52	9.97	2.26	1.46	0.600	1.19	4.08	4.76	7.46	7
8	1.30 B	1.77B	1.39B	5.12	9.68	2.21	1.41	0.751	1.10	5.37	4.63	7.11	8
9	1.26 B	1.71B	1.37B	5.20	9.18	2.16	1.32	0.988	0.999	5.69	4.39	6.52	9
10	1.22 B	1.67B	1.35B	5.00	8.67	2.21	1.22	1.02	0.964	5.36	4.17	6.07	10
11	1.22 B	1.62B	1.35B	4.40	8.49	2.21	1.64	1.23	0.811	5.05	3.36	5.76	11
12	1.25 B	1.59B	3.00B	4.05	8.35	2.13	1.96	1.41	0.699	4.88	3.33	5.50	12
13	1.29 B	1.53B	3.00B	4.31	7.99	2.09	1.95	1.37	0.676	4.92	4.25	5.27	13
14	1.29 B	1.51B	4.00B	4.78	7.80	2.05	1.79	1.27	1.25	5.15	4.63	5.07	14
15	1.25 B	1.49B	3.63B	5.10	7.20	2.02	1.76	1.15	1.65	5.34	4.50	4.89	15
16	1.22 B	1.46B	3.35B	5.50	6.81	1.98	1.93	1.10	1.64	5.71	4.19	4.72	16
17	1.21 B	1.47B	3.13B	6.39	6.69	1.94	2.01	1.00	1.40	5.85	3.29	4.61	17
18	1.20 B	1.75B	3.00B	7.55	5.95	1.87	1.94	0.996	1.40	5.58	2.74	4.53	18
19	1.19 B	2.15B	4.20B	7.84	3.85	1.88	1.78	1.01	1.25	5.33	2.52	4.72	19
20	1.16 B	2.10B	4.70B	7.80	2.88	1.92	1.63	1.20	1.33	6.49	2.77	4.79	20
21	1.12 B	2.05B	4.60B	7.60	2.73	1.91	1.52	1.27	1.56	9.06	3.60	4.72	21
22	1.09 B	2.00B	4.40B	7.34	2.68	1.90	1.41	1.37	1.63	10.2	4.33	4.51	22
23	1.06 B	1.93B	4.20B	7.39	2.58	1.94	1.35	1.52	1.57	9.78	5.44	4.51	23
24	1.32 B	1.90B	4.02B	8.27	2.58	1.86	1.25	1.31	1.45	8.89	5.78	4.62	24
25	1.29 B	1.85B	3.98B	9.83	2.55	1.81	1.20	0.956	1.74	8.13	5.50	5.08	25
26	1.25 B	1.80B	3.80B	11.2	2.38	1.79	1.12	0.809	2.03	7.56	5.34	5.45	26
27	1.22 B	1.76B	3.65B	12.0	2.02	1.76	1.04	0.790	2.21	7.11	6.60	5.50	27
28	1.20 B	1.72B	3.56B	11.8	1.97	1.69	1.04	0.770	2.30	6.71	7.05	6.04	28
29	1.35 B		3.53	11.6	2.05	1.62	0.966	0.739	2.69	6.48	6.76	7.29	29
30	1.59 B		3.47	11.4	2.02	1.57	0.926	0.737	3.12	6.23	6.50	7.49	30
31	1.56 B		4.01		1.86		0.853	0.702		5.94		6.99	31
TOTAL	38.396	49.03	90.45	208.30	193.43	59.15	45.425	29.491	44.105	181.86	142.49	177.65	TOTAL
MEAN	1.24	1.75	2.92	6.94	6.24	1.97	1.47	0.951	1.47	5.87	4.75	5.73	MEAN
MAX	1.59	2.15	4.70	12.0	11.4	2.37	2.01	1.52	3.12	10.2	7.05	7.49	MAX
MIN	0.916	1.46	1.35	4.05	1.86	1.57	0.853	0.539	0.676	3.30	2.52	4.51	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.45
MAXIMUM DAILY, 12.0 ON APR 27
MINIMUM DAILY, 0.539 ON AUG 5
MAXIMUM INSTANTANEOUS,
12.1 AT 10:52 EST ON APR 27

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 00 N
LONG 82 37 00 W
DRAINAGE AREA, 157 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 320	JUL	3 920
FEB	4 240	AUG	2 550
MAR	7 810	SEP	3 810
APR	18 000	OCT	15 700
MAY	16 700	NOV	12 300
JUN	5 110	DEC	15 300

TOTAL DISCHARGE, 109 000 dam³

SERPENT RIVER AT HIGHWAY NO. 17 - STATION NO. 02CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.1 B	8.90B	6.60B	24.4	89.4	25.9	8.70	4.71	3.57	28.8	34.6	38.8	1
2	10.1 B	8.80B	6.70B	26.3	87.2	25.0	8.41	4.44	4.44	27.1	34.0	39.5	2
3	10.1 B	8.80B	6.80B	30.3	85.0	23.8	8.00	4.33	4.76	25.9	33.4	40.3	3
4	10.2 B	8.70B	6.70B	37.6	79.9	22.9	7.59	4.28	4.62	24.5	32.6	40.6	4
5	10.2 B	8.60B	6.60B	40.9	73.2	22.4	7.16	4.13	4.72	22.8	31.1	40.9	5
6	10.1 B	8.50B	6.60B	41.5	69.3	21.5	6.80	3.95	5.62	22.1	30.1	57.0	6
7	10.1 B	8.40B	6.50B	41.8	66.5	20.6	6.46	3.86	6.19	26.2	29.2	59.9	7
8	10.1 B	8.40B	6.58	42.7	64.5	19.7	6.25	3.76	7.19	33.4	28.4	58.2	8
9	10.0 B	8.30B	6.57	42.3	62.2	18.8	6.01	3.76	7.02	34.3	27.5	56.6	9
10	10.0 B	8.10B	6.61	41.5	59.9	18.1	5.84	3.60	6.54	33.5	26.7	51.3	10
11	10.0 B	8.00B	6.71	40.7	58.1	17.3	6.88	3.64	6.28	32.9	26.3	48.5	11
12	9.90B	7.90B	6.78	40.3	56.3	16.5	7.59	3.31	6.42	32.1	30.1	45.8	12
13	9.90B	7.70B	8.28	42.6	54.3	15.8	7.63	3.18	6.18	31.6	37.2	43.7	13
14	9.90B	7.60B	10.2	45.7	52.4	15.1	7.28	3.07	7.96	31.6	41.2	42.1	14
15	9.80B	7.50B	11.6	48.1	50.3	14.4	7.01	2.95	10.1	33.0	42.2	40.8	15
16	9.80B	7.30B	12.5	52.3	48.4	14.0	6.97	2.84	11.9	32.8	41.4	39.2	16
17	9.70B	7.20B	13.4	63.0	46.6	13.4	7.25	2.76	13.2	31.5	40.2	37.5	17
18	9.70B	7.10B	14.0	71.8	44.9	12.9	7.68	2.59	15.6	30.4	38.7	36.6	18
19	9.60B	7.10B	14.6	75.3	43.5	12.7	8.37	2.59	16.7	29.4	37.2	36.5	19
20	9.60B	7.20B	14.9	74.5	42.0	12.6	8.41	2.67	17.1	31.8	39.4	36.1	20
21	9.50B	7.20B	15.1	71.3	40.2	12.2	7.97	2.53	18.1	39.0	44.3	35.4	21
22	9.50B	7.10B	15.2	67.9	38.6	12.1	7.46	3.06	19.8	44.4	47.1	34.6	22
23	9.40B	7.00B	15.4	67.2	37.0	12.1	6.96	3.35	20.5	45.8	48.4	33.5	23
24	9.40B	6.80B	15.9	73.0	35.5	11.6	6.47	3.09	21.0	44.9	47.8	35.3	24
25	9.30B	6.70B	17.2	83.3	34.0	11.2	6.17	2.89	20.4	43.2	47.0	39.5	25
26	9.20B	6.60B	19.1	93.8	32.5	10.8	5.89	2.89	30.6	41.5	45.7	42.9	26
27	9.20B	6.60B	19.7	98.5	31.1	10.3	5.61	3.57	30.1	39.7	43.5	43.9	27
28	9.10B	6.50B	20.0	98.0	29.8	9.90	5.33	3.75	29.9	38.4	41.7	45.3	28
29	9.10B		19.9	94.6	28.6	9.62	5.06	3.54	31.1	37.3	40.6	48.7	29
30	9.00B		20.0	91.8	27.4	9.15	4.97	3.48	30.4	36.2	39.5	49.1	30
31	8.90B		22.1		26.2		4.87	3.33		35.4		48.4	31
TOTAL	308.50	216.60	378.83	1 763.0	1 594.8	472.37	213.06	105.70	426.02	1 041.5	1 127.1	1 366.3	TOTAL
MEAN	9.69	7.66	12.2	58.8	51.4	15.7	6.87	3.41	14.2	33.6	37.6	44.1	MEAN
MAX	10.2	8.90	22.1	98.5	89.4	25.9	8.70	4.71	31.1	45.8	48.4	59.9	MAX
MIN	8.90	6.50	6.50	24.4	26.2	9.15	4.87	2.53	3.57	22.1	26.3	33.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.7
MAXIMUM DAILY, 98.5 ON APR 27
MINIMUM DAILY, 2.53 ON AUG 21
MAXIMUM INSTANTANEOUS,
99.3 AT 23:27 EST ON APR 27

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 47 N
LONG 82 36 33 W
DRAINAGE AREA, 1 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	26 080	JUL	18 400
FEB	18 500	AUG	9 130
MAR	32 700	SEP	36 800
APR	152 000	OCT	90 000
MAY	138 000	NOV	97 400
JUN	40 800	DEC	118 000

TOTAL DISCHARGE, 778 000 dam³

SERPENT RIVER AT OUTLET OF DUNLOP LAKE - STATION NO. 02CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.041	0.981	1.03	2.47	7.55	0.754	0.957	0.305E	0.190E	2.32	3.73	4.55	1
2	0.096	0.951	0.993	2.40	7.66	0.628	0.966	0.283E	0.228E	2.18	3.62	4.33	2
3	0.138	1.12	0.966	2.66	7.68	1.05	0.935	0.270E	0.210E	2.17	3.50	4.30	3
4	0.183	1.24	0.921	3.10	7.54	1.46	0.893	0.260E	0.198E	2.04	3.41	4.15	4
5	0.227	1.19	0.898	3.10	7.35	1.44	0.875	0.255	0.190E	1.93	3.31	4.05	5
6	0.240	1.14	0.847	3.07	7.26	1.47	0.867	0.364	0.187E	1.94	3.20	4.41	6
7	0.247	1.09	0.822	3.03	7.16	1.47	0.856	0.659	0.183E	2.32	2.97	4.40	7
8	0.272	1.04	0.804	2.97	6.94	1.46	0.822	0.635E	0.181E	2.59	2.89	4.23	8
9	0.296	1.00	0.778	2.87	6.69	1.42	0.785	0.600E	0.177E	2.60	2.70	4.10	9
10	0.327	0.944	0.762	2.78	6.42	1.43	0.711	0.742	0.170E	2.57	1.90	4.00	10
11	0.361	0.908	0.759	2.74	6.35	1.41	0.813	1.09	0.162E	2.61	0.665	3.88E	11
12	0.353	0.879	1.65	2.71	6.16	1.35	0.841	0.868	0.157E	2.67	0.993	3.72E	12
13	0.368	0.886	2.93	3.02	5.88	1.35	0.820	0.778	0.153E	2.76	1.21	3.59E	13
14	0.374	0.879	2.76	3.01	5.61	1.31	0.838	0.662	0.183E	2.84	1.37	3.51	14
15	0.365	0.841	2.57	2.99	5.37	1.27	0.815	0.641	0.215E	3.34	1.57	3.37	15
16	0.377	0.778	2.43	3.07	5.15	1.25	0.872	0.631	0.207E	3.60E	0.916	3.28E	16
17	0.379	1.36	2.35	3.39	4.91	1.22	0.884	0.583	0.200E	3.75E	0.371	3.18E	17
18	0.394	1.82	3.18	3.74	2.60	1.20	0.889	0.480	0.193E	3.55E	0.409	3.10E	18
19	0.407	1.71	4.02	3.99	1.13	1.21	0.856	0.838	0.200E	3.35E	0.470	3.18E	19
20	0.420	1.63	3.64	4.25	1.22	1.21	0.822	0.776	0.225E	4.00E	0.641	3.22E	20
21	0.418	1.54	3.34	4.39	1.32	1.19	0.798	0.735	0.227E	5.38	1.12	3.10E	21
22	0.423	1.45	3.09	4.39	1.39	1.19	0.766	0.733	0.220E	5.90	2.48	2.98E	22
23	0.476	1.37	2.84	4.42	1.47	1.17	0.760	0.483	0.210E	5.70	3.45	2.97E	23
24	0.537	1.28	2.82	4.65	1.50	1.16	0.746	0.250E	0.255E	5.45	3.40	3.21	24
25	0.544	1.21	2.80	5.21	1.33	1.15	0.770	0.228E	0.330E	5.22	3.32	3.32	25
26	0.531	1.13	2.64	5.95	1.03	1.13	0.731	0.203E	0.420E	4.98	4.26	3.36	26
27	0.522	1.09	2.45	6.61	0.774	1.09	0.689	0.192E	0.540E	4.72	5.77	3.33	27
28	0.523	1.05	2.26	7.06	0.797	1.05	0.688	0.181E	0.800E	4.50	5.39	3.71	28
29	0.715		2.10	7.22	0.839	1.05	0.669	0.170E	1.54	4.31	5.11	4.07	29
30	1.03		2.04	7.41	0.826	1.02	0.515	0.162E	1.85	4.13	4.78	4.11	30
31	0.997		2.30		0.752		0.332	0.160E		3.92		4.19	31
TOTAL	12.581	32.507	63.790	118.67	128.658	36.562	24.581	15.217	10.201	109.34	78.925	114.86	TOTAL
MEAN	0.406	1.16	2.06	3.96	4.15	1.22	0.793	0.491	0.340	3.53	2.63	3.71	MEAN
MAX	1.03	1.82	4.02	7.41	7.68	1.47	0.966	1.09	1.85	5.90	5.77	4.55	MAX
MIN	0.041	0.778	0.759	2.40	0.752	0.628	0.332	0.160	0.153	1.93	0.371	2.97	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.04
MAXIMUM DAILY, 7.68 ON MAY 3
MINIMUM DAILY, 0.041 ON JAN 1
MAXIMUM INSTANTANEOUS,
7.71 AT 02:58 EST ON MAY 3

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 29 05 N
LONG 82 38 33 W
DRAINAGE AREA, 109 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 090	JUL	2 120
FEB	2 810	AUG	1 310
MAR	5 510	SEP	881
APR	10 300	OCT	9 450
MAY	11 100	NOV	6 820
JUN	3 160	DEC	9 920

TOTAL DISCHARGE, 64 500 dam³

SERPENT RIVER BELOW PECORS LAKE - STATION NO. 02CD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.93	3.82	3.08	7.62	34.8	17.0	5.00E	2.78E	2.36	6.00E	17.8	16.6	1
2	3.75	3.71	3.09	7.95	35.5	16.2	5.01E	2.72E	2.75	6.00E	18.0	16.8	2
3	3.85	3.65	3.05	9.57	35.8	15.1	5.00E	2.70E	2.88	6.35E	18.0	17.7	3
4	4.11	3.59	3.01	11.5	36.0	14.1	4.90E	2.68E	2.79	6.55E	17.9	18.0	4
5	4.16	3.50	3.02	11.7	36.2	13.5	4.70E	2.63E	2.80	6.50E	17.8	18.4	5
6	4.12	3.48	2.98	12.1	36.1	12.9	4.50E	2.61	2.90	6.55E	17.3	20.5	6
7	4.10	3.47	2.97	12.2	36.3	12.2	4.35E	2.55	2.82	6.80E	16.8	20.7	7
8	4.07	3.48	2.94	12.2	36.0	11.8	4.15E	2.46	2.73	7.20E	16.6	20.5	8
9	4.07	3.44	2.96	12.2	35.3	11.1	4.00E	2.41	2.66	7.80E	16.3	20.2	9
10	4.04	3.42	3.04	12.4	34.9	10.7	3.80E	2.27	2.61	8.30E	15.9	19.9	10
11	4.00	3.34	2.96	12.5	34.6	10.1	4.15E	2.07	2.56	8.70E	15.8	19.6	11
12	4.00	3.32	3.03	12.9	33.9	9.59	4.40E	2.01	2.57	9.00E	17.5	19.3	12
13	3.90	3.42	4.02	13.7	33.2	9.14	4.40E	1.97	2.71	9.35E	18.7	19.1	13
14	3.94	3.42	4.12	13.9	32.2	8.78	4.30E	1.89	3.65	9.65E	18.5	18.8	14
15	3.88	3.37	4.21	14.2	31.4	8.43	4.05E	1.86	3.79	9.90E	18.4	18.5	15
16	3.80E	3.28	4.36	15.2	30.3	8.00E	4.10E	1.81	3.71	10.2 E	18.0	18.2	16
17	3.78E	3.25	4.49	17.4	29.4	7.70E	4.40E	1.76	3.65	10.3 E	17.6	18.0	17
18	3.77E	3.22	4.68	19.2	28.5	7.40E	4.70E	1.69	4.05	10.4 A	17.3	18.0	18
19	3.76E	3.24	4.82	19.9	27.7	7.10E	4.80E	1.81	4.00	10.5 A	17.1	18.2	19
20	3.74E	3.18	4.85	20.6	27.0	6.90E	4.70E	1.79	4.30	11.7 E	18.0	18.0	20
21	3.70E	3.11	4.90	20.8	26.0	6.85E	4.50E	1.71	4.80	12.8 E	19.3	17.6	21
22	3.65E	3.11	4.97	20.8	25.1	6.75E	4.25E	2.01	4.78	13.9 E	19.6	17.1	22
23	3.85E	3.18	5.05	21.3	24.1	6.60E	4.05E	2.23	4.62	15.0 E	19.3	16.9	23
24	4.05E	3.15	5.40	23.1	22.9	6.45E	3.85E	2.15	4.80	16.0 E	18.7	17.4	24
25	4.00E	3.10	5.65	26.0	22.1	6.30E	3.60E	2.07	5.99	16.8 E	18.1	17.7	25
26	4.00E	3.06	5.89	29.3	21.3	6.05E	3.39A	2.00	6.53	17.2 E	18.0	18.0	26
27	4.00E	3.11	6.03	31.1	20.3	5.90E	3.29A	2.23	6.56	17.5	17.4	17.9	27
28	4.01	2.95	6.13	31.9	19.3	5.70E	3.15E	2.16	6.50	17.7	17.2	18.7	28
29	3.96		6.22	32.5	18.5	5.50E	3.00E	2.02	6.33	17.9	17.1	19.9	29
30	3.97		6.43	33.4	17.8	5.25E	2.90E	2.04	6.10E	17.9	16.9	20.0	30
31	3.92		7.03		17.0		2.83E	1.98		17.8		20.1	31
TOTAL	121.88	93.37	135.38	539.14	899.5	279.09	128.22	67.07	119.30	348.25	530.9	576.3	TOTAL
MEAN	3.93	3.33	4.37	18.0	29.0	9.30	4.14	2.16	3.98	11.2	17.7	18.6	MEAN
MAX	4.16	3.82	7.03	33.4	36.3	17.0	5.01	2.78	6.56	17.9	19.6	20.7	MAX
MIN	3.65	2.95	2.94	7.62	17.0	5.25	2.83	1.69	2.36	6.00	15.8	16.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.5
MAXIMUM DAILY, 36.3 ON MAY 7
MINIMUM DAILY, 1.69 ON AUG 18
MAXIMUM INSTANTANEOUS,
36.7 AT 08:23 EST ON MAY 7

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 22 28 N
LONG 82 26 18 W
DRAINAGE AREA, 567 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 500	JUL	11 100
FEB	8 070	AUG	5 790
MAR	11 700	SEP	10 300
APR	46 600	OCT	30 100
MAY	77 700	NOV	45 900
JUN	24 100	DEC	49 800

TOTAL DISCHARGE, 332 000 dam³

SERPENT RIVER BELOW QUIRKE LAKE - STATION NO. 02CD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.60	1.76	1.85	5.32	21.3	6.30E	2.26	1.26	1.11	4.17	11.8	8.83	1
2	1.54	1.76	1.87	5.34	22.0	6.00E	2.25	1.16	1.23	4.16	11.4	8.94	2
3	1.65	1.77	1.85	5.82	22.3	5.60E	2.20E	1.13	1.31	4.34	11.1	9.33	3
4	1.80	1.77	1.82	6.30	22.5	5.26	2.15E	1.11	1.25	4.30	10.6	9.32	4
5	1.97	1.76	1.83	6.49	22.3	5.02	2.07E	1.08	1.26	4.33	10.4	9.40	5
6	1.95	1.76	1.82	6.65	22.4	4.89	2.00E	1.06	1.32	4.43	9.93	10.4	6
7	1.91	1.79	1.82	6.86	22.2	4.60	1.93E	1.02	1.30	4.87	9.33	10.6	7
8	1.87	1.81	1.77	6.90	21.8	4.49	1.87E	0.994	1.26	5.17	8.94	10.7	8
9	1.82	1.83	1.79	6.99	21.2	4.33	1.81E	1.01	1.25	5.40	8.29	10.8	9
10	1.81	1.78	1.76	7.00	20.5	4.26	1.76E	0.952	1.22	5.66	7.72	11.1	10
11	1.86	1.78	1.75	6.99	19.9	4.16	1.90E	1.50	1.20	6.00	7.58	10.8	11
12	1.84	1.78	1.74	7.04	19.2	3.91	2.00E	1.87	1.18	6.26	8.08	10.8	12
13	1.85	1.78	2.29	7.52	18.4	3.78	2.01E	1.81	1.21	6.50	8.51	10.7	13
14	1.79	1.78	2.48	7.61	17.6	3.61	1.97E	1.79	1.49	6.68	8.77	10.3	14
15	1.79	1.76	2.58	7.62	16.9	3.46	1.90E	1.72	1.48	6.84	8.44	10.0	15
16	1.78	1.76	2.73	7.78	16.1	3.39	1.90E	1.70	1.52	6.89	8.20	9.61	16
17	1.76	1.70	2.88	8.52	15.2 E	3.27	1.98E	1.60	1.55	7.00	8.02	9.15	17
18	1.75	1.67	3.54	9.54	14.5 E	3.13	2.08E	1.52	1.71	7.25	7.72	8.93	18
19	1.74	1.67	4.11	10.3	13.7 E	3.08	2.17E	1.49	1.68	7.26	7.57	9.15	19
20	1.74	1.68	4.20	10.8	12.8 E	3.12	2.18E	1.43	1.90	8.66	7.60	9.10	20
21	1.69	1.76	4.29	11.2	12.1 E	3.00	2.05E	1.32	2.13	9.92	8.01	8.62	21
22	1.63	1.75	4.34	11.9	11.3 E	2.98	1.93E	1.38	2.30	10.8	7.88	8.22	22
23	1.72	1.82	4.38	12.3	10.7 E	2.94	1.83E	1.43	2.42	11.7	7.96	8.04	23
24	1.82	1.80	4.59	12.9	9.90E	2.85	1.76E	1.40	2.56	12.3	8.10	8.05	24
25	1.82	1.81	4.76	14.0	9.30E	2.78	1.68E	1.34	3.04	12.6	8.24	8.23	25
26	1.77	1.77	4.85	15.7	8.70E	2.68	1.62E	1.27	3.30	12.7	8.29	8.25	26
27	1.74	1.76	4.80	17.4	8.20E	2.64	1.54E	1.31	3.49	12.7	8.22	8.18	27
28	1.77	1.77	4.77	18.6	7.70E	2.56	1.51	1.22	3.64	12.7	8.35	8.84	28
29	1.76		4.68	19.8	7.20E	2.51	1.42	1.12	3.81	12.7	8.57	9.61	29
30	1.76		4.76	20.7	6.80E	2.42	1.35	1.10	3.99	12.5	8.73	9.81	30
31	1.75		5.13		6.50E		1.33	1.07		12.1		10.3	31
TOTAL	55.05	49.39	97.83	301.89	481.20	113.02	58.41	41.166	58.11	248.89	262.35	294.11	TOTAL
MEAN	1.78	1.76	3.16	10.1	15.5	3.77	1.88	1.33	1.94	8.03	8.75	9.49	MEAN
MAX	1.97	1.83	5.13	20.7	22.5	6.30	2.26	1.87	3.99	12.7	11.8	11.1	MAX
MIN	1.54	1.67	1.74	5.32	6.50	2.42	1.33	0.952	1.11	4.16	7.57	8.04	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.65
MAXIMUM DAILY, 22.5 ON MAY 4
MINIMUM DAILY, 0.952 ON AUG 10
MAXIMUM INSTANTANEOUS,
22.9 AT 11:53 EST ON MAY 4

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 29 11 N
LONG 82 28 52 W
DRAINAGE AREA, 319 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 760	JUL	5 050
FEB	4 270	AUG	3 560
MAR	8 450	SEP	5 020
APR	26 100	OCT	21 500
MAY	41 600	NOV	22 700
JUN	9 760	DEC	25 400

TOTAL DISCHARGE, 178 000 dam³

SEVERN RIVER AT BIG FALLS - STATION NO. 02EC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.6E	16.5	16.5	19.8	4.10	1.75	27.3	1.41E	15.6	16.5	8.80	22.9	1
2	16.4E	16.5	16.5	23.9	4.10	1.38	21.6	1.43E	16.0	16.3 E	9.08	20.8	2
3	16.2E	16.5	16.5	20.8	4.10	1.15	15.6 E	1.45	16.5	16.2 E	9.36	22.9	3
4	16.0	16.5	16.5	20.8	4.10	1.30	15.6 E	1.45	16.1E	16.0	10.2	22.9	4
5	16.0	16.5	16.5	25.0	4.10	1.33E	15.6	1.30	15.8E	16.0	10.2	22.9	5
6	16.0	16.5E	16.5E	25.0	1.84 E	1.35E	15.6	1.30	15.5E	16.5	6.95	12.5	6
7	16.0	16.5E	16.5E	25.0	0.219E	1.38	8.70	1.52E	15.2	16.5	4.18E	4.55	7
8	16.0	16.5	16.5	22.4	0.219E	1.45	2.15	1.73E	16.6	16.5	3.95	4.40	8
9	16.0E	16.5	16.5	22.4	0.219E	1.45	2.05	1.95	17.8	16.5 E	3.41	3.95	9
10	16.0E	16.5	15.6	22.4	0.219E	1.45	2.08E	1.30	17.8	16.5 E	3.54	4.40	10
11	16.0	16.5	15.6	22.4	0.219E	1.45	2.12E	1.23	17.7E	16.5 E	3.75E	11.5	11
12	16.0	16.5	15.6	22.4	0.219E	1.52E	2.15	2.96	17.5E	16.5	3.95	18.3	12
13	16.0	16.5E	15.6E	22.4	0.219E	1.58E	1.75	3.67	17.4	16.5	3.90E	16.0	13
14	16.0	16.5E	15.6E	22.4	0.219E	1.65	1.75	3.67E	17.4	16.0	3.85E	16.5	14
15	16.7	16.5	15.6	22.4	0.219E	7.53	1.75	3.67E	16.5	15.6	3.80	16.5	15
16	17.4E	16.5	15.6	14.0	0.219E	20.6	1.75	3.67	16.9	15.6 E	3.80	16.5	16
17	17.4E	16.5	15.6	4.55	0.219E	29.0	1.78E	5.77	16.5	15.6 E	3.67	19.3	17
18	17.4	16.5	16.0	2.50 B	0.220	29.0	1.82E	7.06	16.6E	15.6	3.41	25.0 E	18
19	17.4	16.5	16.3	0.450B	0.195E	29.0 E	1.85	7.06	16.8E	15.6	3.67	25.0 E	19
20	17.4	16.5E	16.6E	0.450B	0.245E	29.0 E	1.65	7.28	16.9	15.6	3.63E	25.6	20
21	17.4	16.5E	16.5E	0.450B	0.628	29.0	1.65	7.28E	16.9	15.6	3.58E	25.6	21
22	17.4	16.5	16.5	0.450B	1.14 E	26.7	1.65	7.28E	16.9	14.7	3.54	24.5	22
23	17.1E	16.5	16.9	0.450B	1.19 E	26.7	1.55	7.28	16.5	14.7 E	3.80	24.5	23
24	16.8E	16.5	17.4	0.450B	1.25 E	26.7	1.52E	7.06	16.5	14.7 E	3.54	24.5	24
25	16.5	16.5	17.4	0.450B	1.30	28.4	1.48E	7.06	16.5E	14.7	3.95	21.4 E	25
26	16.5	16.5	17.4	0.450B	1.30	28.4	1.45	11.5	16.5E	14.7	4.25	9.75	26
27	16.5	16.5E	17.5E	0.450	1.30	28.4	1.45	14.4	16.5	14.7	5.42E	3.28	27
28	16.5	16.5E	17.7E	0.450	1.30	28.4	1.65	16.2 E	16.5	10.8	6.59E	3.28	28
29	16.5		17.8	2.47	1.33 E	28.4	1.45	16.3 E	16.5	8.80	9.66	3.54	29
30	16.5E		18.3	4.25	1.35 E	27.8	1.38	16.5	16.5	8.80E	18.7	3.67	30
31	16.5E		18.8		1.38		1.39E	16.0		8.80E		9.77	31
TOTAL	513.1	462.0	514.4	371.770	38.877	443.22	161.27	187.74	498.9	463.60	170.13	486.19	TOTAL
MEAN	16.6	16.5	16.6	12.4	1.25	14.8	5.20	6.06	16.6	15.0	5.67	15.7	MEAN
MAX	17.4	16.5	18.8	25.0	4.10	29.0	27.3	16.5	17.8	16.5	18.7	25.6	MAX
MIN	16.0	16.5	15.6	0.450	0.195	1.15	1.38	1.23	15.2	8.80	3.41	3.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.8
MAXIMUM DAILY, 29.0 ON JUN 17
MINIMUM DAILY, 0.195E ON MAY 19

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 44 28 N
LONG 79 19 41 W

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	44 300	JUL	13 980
FEB	39 900	AUG	16 200
MAR	44 400	SEP	43 100
APR	32 100	OCT	40 100
MAY	3 360	NOV	14 700
JUN	38 300	DEC	42 000

TOTAL DISCHARGE, 372 000 dam³

SEVERN RIVER AT LIMESTONE RAPIDS - STATION NO. 04CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	1 820	1 220	1 090	773	887	555B	1
2	---	---	---	---	---	---	1 780	1 230	1 090	781	885	550B	2
3	---	---	---	---	---	1 280	1 740	1 240	1 090	801	869	540B	3
4	---	---	---	---	---	1 280	1 670	1 240	1 100	837	853	535B	4
5	---	---	---	---	---	1 290	1 590	1 240	1 100	864	837	530B	5
6	---	---	---	---	---	1 300	1 560	1 230	1 120	880	813	520B	6
7	---	---	---	---	---	1 280	1 550	1 220	1 110	890	794	515B	7
8	---	---	---	---	---	1 270	1 570	1 200	1 080	899	787	510B	8
9	---	---	---	---	---	1 280	1 590	1 300	1 070	906	765	505B	9
10	---	---	---	---	---	1 270	1 580	1 450	1 050	911	750B	498B	10
11	---	---	---	---	---	1 410	1 530	1 580	1 020	913	738B	495B	11
12	---	---	---	---	---	1 660	1 490	1 600	989	908	722B	485B	12
13	---	---	---	---	---	1 780	1 440	1 610	975	902	705B	480B	13
14	---	---	---	---	---	1 900	1 410	1 590	944	889	700B	470B	14
15	---	---	---	---	---	2 030	1 370	1 560	916	888	695B	465B	15
16	---	---	---	---	---	2 150	1 330	1 540	905	892	680B	460B	16
17	---	---	---	---	---	2 290	1 290	1 490	899	889	670B	455B	17
18	---	---	---	---	---	2 410	1 280	1 430	892	879	665B	450B	18
19	---	---	---	---	---	2 460	1 370	1 390	888	882	655B	445B	19
20	---	---	---	---	---	2 390	1 480	1 350	886	880	645B	440B	20
21	---	---	---	---	---	2 340	1 430	1 320	855	870	635B	435B	21
22	---	---	---	---	---	2 280	1 420	1 280	849	866	625B	430B	22
23	---	---	---	---	---	2 200	1 390	1 240	789	857	620B	425B	23
24	---	---	---	---	---	2 180	1 340	1 210	790	851	610B	418B	24
25	---	---	---	---	---	2 100	1 310	1 190	770	848	605B	410B	25
26	---	---	---	---	---	2 040	1 290	1 170	755E	841	595B	405B	26
27	---	---	---	---	---	1 970	1 260	1 150	757	840	585B	401B	27
28	---	---	---	---	---	1 940	1 250	1 130	752	837	580B	398B	28
29	---		---	---	---	1 890	1 250	1 120	747	844	570B	392B	29
30	---		---	---	---	1 840	1 220	1 110	758	855	560B	388B	30
31	---		---		---		1 220	1 100		880		384B	31
TOTAL	---	---	---	---	---	---	44 820	40 730	28 036	26 853	21 100	14 389	TOTAL
MEAN	---	---	---	---	---	---	1 450	1 310	935	866	703	464	MEAN
MAX	---	---	---	---	---	---	1 820	1 610	1 120	913	887	555	MAX
MIN	---	---	---	---	---	---	1 220	1 100	747	773	560	384	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2 460 ON JUN 19

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 22 30 N
LONG 88 19 30 W
DRAINAGE AREA, 94 300 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 870 000
FEB	---	AUG	3 520 000
MAR	---	SEP	2 420 000
APR	---	OCT	2 320 000
MAY	---	NOV	1 820 000
JUN	---	DEC	1 240 000

SEVERN RIVER AT LITTLE FALLS - STATION NO. 02EC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.77E	8.00	7.24	8.93	4.93	0.571E	11.6	6.88E	5.13	4.35	0.571	7.37	1
2	8.61E	8.00	7.24	8.28	4.93	0.571E	9.81E	6.94E	5.13	4.35 E	0.608	9.26	2
3	8.45E	8.00	7.24	8.93	4.35	0.571E	8.00E	7.00	5.35	4.35 E	0.720	10.7	3
4	8.28	8.00	7.24	8.93	4.35	0.571E	8.00E	7.00	5.24E	4.35	0.720	10.7	4
5	8.60	8.00	7.00	9.26	4.35	0.571E	8.00	6.52	5.14E	4.35	1.00	10.7	5
6	8.60	8.00E	7.00E	9.26	2.73	0.571E	8.00	6.52	5.03E	4.26	1.00	7.35	6
7	8.60	8.00E	7.00E	9.26	1.47	0.571E	8.13	6.76E	4.93	4.35	0.807E	2.40	7
8	8.60	8.00	7.00	9.60	1.25	0.571E	8.00	7.00E	4.93	4.35	0.608	2.07	8
9	8.60E	8.00	7.00	9.60	1.25	0.571E	8.00	7.24	4.93	4.35 E	0.571	1.47	9
10	8.60E	8.00	7.00	9.60	0.953	0.571E	8.00E	7.00	4.93	4.35 E	0.571	1.47	10
11	8.60	8.00	7.00	9.60	0.953	0.571E	8.00E	7.00	4.86E	4.35 E	0.404E	1.32	11
12	8.60	8.00	7.00	9.60	0.911	0.571E	8.00	6.76	4.79E	4.35	0.237	7.78	12
13	8.60	7.92E	7.00E	9.95	0.911	0.571E	7.49	6.76	4.73	4.35	0.286E	10.7	13
14	8.60	7.83E	7.00E	9.95	0.911	0.571E	7.49	6.76E	4.73	4.17	0.336E	11.1	14
15	8.60	7.75	7.00	9.95	0.911	0.571E	7.49	6.76E	4.35	4.17	0.386	12.4	15
16	8.60E	7.75	7.00	10.7	0.911E	0.571E	7.49	6.76	4.53	4.17 E	0.460	12.4	16
17	8.60E	7.49	7.00	8.16B	0.911	0.571E	7.58E	6.52	4.35	4.17 E	0.200E	12.4	17
18	8.60	7.75	7.49	3.30B	0.762E	0.571E	7.66E	6.28	4.41E	4.17	0.200E	12.3 E	18
19	8.60	7.75	7.49	3.30B	0.571E	0.571E	7.75	6.28	4.47E	4.17	0.200E	12.2 E	19
20	8.60	7.66E	7.58E	2.39B	0.571E	0.571E	7.24	6.52	4.53	4.17	0.200E	12.0	20
21	8.60	7.58E	7.66E	1.47B	0.571E	7.24 E	7.24	6.52E	4.53	4.17	0.200E	12.0	21
22	8.60	7.49	7.75	1.47B	0.571E	13.9	7.12	6.52E	4.53	3.71	0.555E	8.05	22
23	8.40E	7.49	7.75	1.47B	0.571E	13.9	7.00	6.52	4.35	3.71 E	0.571	2.40	23
24	8.20E	7.49	7.75	7.19B	0.571E	13.4	7.00E	6.28	4.35	3.71 E	0.608	2.40	24
25	8.00	7.49	7.75	12.9	0.571E	13.4	7.00E	6.28	4.35E	3.71	0.832	2.40E	25
26	8.00	7.49	7.75	12.0	0.571E	12.9	7.00	6.28	4.35E	3.43	0.794	2.40	26
27	8.00	7.41E	7.83E	12.0	0.571E	12.9	7.00	6.28	4.35	3.43	0.608E	3.43	27
28	8.00	7.32E	7.92E	12.0	0.571E	12.9	7.49	6.20E	4.35	1.97	0.423E	3.15	28
29	8.00		8.00	7.71	0.571E	12.9	7.00	6.12E	4.35	0.646	0.237	3.15	29
30	8.00E		8.28	4.93	0.571E	12.0	6.76	6.03	4.35	0.621E	1.47	3.15	30
31	8.00E		8.60		0.571E		6.82E	5.13		0.596E		10.1	31
TOTAL	261.51	217.66	229.56	241.69	45.167	136.860	239.16	203.42	140.35	115.353	16.383	220.72	TOTAL
MEAN	8.44	7.77	7.41	8.06	1.46	4.56	7.71	6.56	4.68	3.72	0.546	7.12	MEAN
MAX	8.77	8.00	8.60	12.9	4.93	13.9	11.6	7.24	5.35	4.35	1.47	12.4	MAX
MIN	8.00	7.32	7.00	1.47	0.571	0.571	6.76	5.13	4.35	0.596	0.200	1.32	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.67
MAXIMUM DAILY, 13.9 ON JUN 22
MINIMUM DAILY, 0.200E ON NOV 17

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 44 45 N
LONG 79 19 31 W

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 600	JUL	20 700
FEB	18 800	AUG	17 600
MAR	19 800	SEP	12 100
APR	20 900	OCT	9 970
MAY	3 900	NOV	1 420
JUN	11 800	DEC	19 100

TOTAL DISCHARGE, 179 000 dam³

SEVERN RIVER AT OUTLET OF MUSKRAT DAM LAKE - STATION NO. 04CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	153B	124B	117B	123B	295	591	789	515	392	296	321	197B	1
2	151B	124B	117B	123B	307	629	766	489	394	294	307	195B	2
3	149B	124B	116B	122B	323	674	745	467	395	303	300	193B	3
4	147B	123B	116B	122B	350	673	742	461	411	285	291	191B	4
5	145B	123B	116B	122B	382	695	733	463	400	298	282	189B	5
6	144B	122B	116B	122B	411	709	717	455	399	304	282	188B	6
7	142B	122B	116B	122B	436	711	710	453	398	294	277	186B	7
8	141B	122B	116B	123B	455	719	724	452	406	310	270B	184B	8
9	139B	121B	115B	123B	467	721	708	477	391	315	265B	182B	9
10	138B	121B	115B	124B	478	765	700	502	374	309	261B	180B	10
11	137B	121B	116B	125B	495	816	664	516	378	305	256B	179B	11
12	136B	120B	117B	126B	502	850	649	522	378	318	252B	177B	12
13	135B	120B	119B	128B	506	868	627	524	358	332	249B	176B	13
14	134B	120B	122B	129B	510	874	618	517	361	334	245B	174B	14
15	133B	120B	124B	130B	504	882	604	519	365	333	241B	173B	15
16	132B	119B	126B	131B	504	873	597	507	361	330	238B	172B	16
17	132B	119B	127B	132B	525	877	567	497	348	320	234B	171B	17
18	131B	119B	127B	134B	520	879	590	481	341	306	231B	169B	18
19	131B	119B	127B	137B	522	873	608	473	332	316	228B	168B	19
20	130B	118B	126B	139B	570	863	629	465	338	320	225B	167B	20
21	130B	118B	126B	142B	601	857	620	463	348	327	221B	166B	21
22	129B	118B	125B	146B	617	859	609	454	340	318	219B	164B	22
23	129B	118B	125B	151B	628	855	603	450	315	313	216B	163B	23
24	128B	118B	125B	157B	635	847	597	443	314	322	213B	162B	24
25	128B	117B	124B	166B	642	846	594	440	329	312	210B	161B	25
26	127B	117B	124B	182B	637	846	581	441	318	309	208B	160B	26
27	127B	117B	124B	200B	631	845	572	437	294	306	206B	159B	27
28	126B	117B	124B	220B	615	825	563	430	274	303	203B	158B	28
29	126B		123B	246	604	813	552	418	275	306	201B	157B	29
30	125B		123B	263	592	798	555	413	299	329	199B	156B	30
31	125B		123B		581		525	399		337		155B	31
TOTAL	4 180	3 361	3 757	4 410	15 845	23 933	19 858	14 583	10 626	9 704	7 351	5 372	TOTAL
MEAN	135	120	121	147	511	798	641	469	354	313	245	173	MEAN
MAX	153	124	127	263	642	882	789	524	411	337	321	197	MAX
MIN	125	117	115	122	295	591	525	399	274	285	199	155	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 337
MAXIMUM DAILY, 882 ON JUN 15
MINIMUM DAILY, 115B ON MAR 9
MAXIMUM INSTANTANEOUS,
887 AT 15:41 EST ON JUN 15

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 29 27 N
LONG 91 30 55 W
DRAINAGE AREA, 36 500 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	361 000	JUL	1 720 000
FEB	290 000	AUG	1 260 000
MAR	325 000	SEP	918 000
APR	381 000	OCT	838 000
MAY	1 370 000	NOV	635 000
JUN	2 070 000	DEC	464 000

TOTAL DISCHARGE, 10 600 000 dam³

SEVERN RIVER AT SWIFT RAPIDS - STATION NO. 02EC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.5	48.4	53.0	121	130	40.0	80.6	32.5	35.8	31.1	31.5	112	1
2	51.4	57.2	48.0	129	117	33.7	73.5	33.0	36.0	37.1	32.2	121	2
3	50.5	56.2	54.2	137	101	28.6	65.0	30.0	37.0	26.2	37.5	135	3
4	52.4	59.2	53.2	147	93.0	21.9	50.8	27.8	38.3	37.3	46.2	144	4
5	50.8	57.8	50.0	155	94.9	18.5	48.6	28.6	38.9	33.6	53.1	154	5
6	51.4	60.0	44.2	153	94.2	19.0	53.8	28.6	33.4	34.6	59.4	159	6
7	51.5	60.0	48.1	152	86.9	24.1	57.4	28.0	37.7	33.9	60.0	160	7
8	51.3	56.7	48.4	137	79.4	27.3	50.6	34.0	40.3	35.4	60.5	169	8
9	50.5	57.7	46.8	139	74.6	30.6	41.6	31.3	38.4	36.4	60.7	174	9
10	52.1	56.5	46.8	139	64.7	29.7	42.2	27.0	38.4	36.4	59.8	150	10
11	52.4	54.7	46.7	138	56.4	23.8	38.8	28.7	38.3	34.8	59.0	135	11
12	52.7	54.8	45.8	138	54.1	19.3	40.9	28.6	38.4	39.1	64.0	134	12
13	52.5	55.0	46.4	142	48.4	25.3	38.4	30.2	37.0	37.3	57.0	125	13
14	52.6	54.2	46.0	167	42.5	27.4	35.9	22.8	34.7	43.3	59.1	109	14
15	43.5	54.3	64.3	181	40.6	41.7	37.7	22.8	36.0	47.1	70.5	101	15
16	50.7	52.3	64.8	182	40.8	66.3	38.8	32.1	36.7	47.3	79.1	110	16
17	47.6	58.1	66.8	193	44.8	68.6	35.6	31.1	36.5	47.8	82.6	113	17
18	50.3	55.6	68.2	210	45.3	84.8	35.8	29.2	39.8	47.5	75.2	111	18
19	51.7	52.4	66.4	207	43.2	78.0	35.7	31.1	35.1	47.9	59.3	112	19
20	50.8	52.0	64.7	217	40.4	83.2	41.3	31.4	38.6	47.9	52.1	110	20
21	61.6	52.1	57.6	219	38.1	99.2	33.4	28.9	38.6	45.4	59.0	110	21
22	57.7	52.2	62.2	219	31.0	120	39.5	28.2	37.4	46.6	71.3	108	22
23	61.6	51.7	66.8	218	27.7	120	30.4	30.4	33.3	44.4	74.2	102	23
24	59.7	52.2	67.3	211	25.8	118	30.2	29.5	35.5	44.4	82.1	111	24
25	58.4	51.3	67.5	210	41.9	107	25.8	31.5	39.3	44.6	86.6	116	25
26	58.1	50.8	69.1	196	33.4	92.7	27.9	35.8	38.3	40.4	91.4	125	26
27	56.0	48.8	69.0	202	29.4	93.8	31.1	33.9	37.1	39.4	92.9	133	27
28	49.3	43.7	69.5	173	30.0	96.4	32.8	34.0	39.4	34.5	92.4	145	28
29	51.1		75.8	152	29.3	83.8	31.3	27.4	45.6	34.0	96.4	163	29
30	51.0		83.3	129	30.4	82.4E	29.2	38.7	39.5	33.6	104	155	30
31	42.8		93.8		41.2		33.4	35.1		33.0		144	31
TOTAL	1 633.5	1 515.9	1 854.7	5 113	1 750.4	1 805.1	1 291.0	951.8	1 129.3	1 221.5	2 009.1	4 050	TOTAL
MEAN	52.7	54.1	59.8	170	56.5	60.2	41.6	30.7	37.6	39.4	67.0	131	MEAN
MAX	61.6	60.0	93.8	219	130	120	80.6	43.9	45.6	47.9	104	174	MAX
MIN	42.8	43.7	44.2	121	25.8	18.5	25.8	22.4	33.3	26.2	31.5	101	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 66.6
MAXIMUM DAILY, 219 ON APR 21
MINIMUM DAILY, 18.5 ON JUN 5

DATA CONTRIBUTED BY -
MINISTRY OF TRANSPORT (CANADA)

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 44 51 25 N
LONG 79 32 30 W
DRAINAGE AREA, 5 850 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	141 000	JUL	112 000
FEB	131 000	AUG	82 200
MAR	160 000	SEP	97 600
APR	442 000	OCT	106 000
MAY	151 000	NOV	174 000
JUN	156 000	DEC	350 000

TOTAL DISCHARGE, 2 100 000 dam³

SEVERN RIVER AT WASHAGO - STATION NO. 02EC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.93E	3.61	3.17	5.15	10.3	11.8	9.91	8.59E	6.54	5.83	4.49	7.27	1
2	4.93E	3.61	3.17	5.83	10.3	11.0	9.91	8.59E	6.54	5.68E	4.71	6.78	2
3	4.93E	3.61	3.17	5.83	9.91	10.6	9.91E	8.59	6.78	5.52E	5.15	7.52	3
4	4.93	3.61	2.96	6.06	10.3	10.6	9.91E	8.59	6.54E	5.37	5.37	6.78	4
5	4.71	3.61	2.96	5.83	10.3	10.7E	9.91	8.03	6.31E	5.37	5.83	6.78	5
6	4.71	3.68E	2.96E	6.06	10.6	10.9E	9.91	8.30	6.07E	5.37	6.30	9.23	6
7	4.93	3.76E	2.96E	6.54	10.6	11.0	10.3	8.40E	5.83	5.39	6.18E	9.23	7
8	4.93	3.83	2.96	6.54	10.3	11.0	10.3	8.49E	5.83	5.60	6.06	8.59	8
9	4.93E	3.83	2.96	6.78	10.3	11.0	9.91	8.59	6.06	5.54E	5.15	8.03	9
10	4.93E	3.83	2.96	6.78	10.3	11.0	10.0 E	8.30	5.83	5.49E	5.60	9.23	10
11	4.93	3.39	2.75	7.02	10.6	11.0	10.1 E	8.03	5.83E	5.43E	6.19E	8.03	11
12	4.71	3.61	2.96	6.78	10.6	11.1E	10.3	7.52	5.83E	5.37	6.78	8.30	12
13	4.49	3.61E	2.96E	7.27	10.3	11.3E	9.23	7.52	5.83	5.37	6.46E	8.03	13
14	4.49	3.61E	2.96E	7.27	10.6	11.4	9.23	7.52E	6.06	5.15	6.15E	8.59	14
15	4.49	3.61	2.96	7.52	10.6	11.8	9.23	7.52E	5.83	4.93	5.83	8.03	15
16	4.49E	3.39	2.96	7.77	10.6 E	11.8	9.23	7.52	5.60	4.93E	6.30	8.59	16
17	4.49E	3.39	2.96	8.30	10.6	11.4	9.34E	7.02	5.60	4.93E	6.06	8.03	17
18	4.49	3.39	2.96	8.34	10.6	11.4	9.46E	7.02	5.68E	4.93	5.83	8.12E	18
19	4.49	3.61	2.96	8.42	10.6	11.7E	9.57	7.02	5.75E	4.93	5.83	8.21E	19
20	4.49	3.61E	3.10E	7.02	10.6	11.9E	9.23	7.27	5.83	5.15	5.91E	8.30	20
21	4.27	3.61E	3.25E	7.02	10.3	12.2	9.23	7.27E	5.60	5.15	5.98E	8.59	21
22	4.05	3.61	3.39	7.02	10.4 E	11.4	9.07	7.27E	5.60	4.49	6.06	8.59	22
23	3.98E	3.39	3.83	7.27	10.4 E	11.0	8.90	7.27	5.37	4.49E	6.30	8.03	23
24	3.90E	3.39	4.05	8.92	10.5 E	10.6	8.90E	7.02	5.60	4.49E	5.78	8.03	24
25	3.83	3.17	4.05	10.3	10.6	10.6	8.90E	6.78	5.60E	4.49	6.78	8.03E	25
26	3.83	3.39	4.05	10.3	10.6	10.6	8.90	7.02	5.60E	4.49	6.78	8.03	26
27	3.61	3.32E	4.20E	9.57	10.6	10.6	8.59	7.52	5.60	4.49	6.78E	9.57	27
28	3.61	3.24E	4.34E	9.91	10.6	10.6	8.90	7.35E	5.60	4.49	6.78E	10.6	28
29	3.61		4.49	9.91	10.7 E	10.6	8.59	7.19E	5.60	4.71	6.78	10.6	29
30	3.61E		4.49	10.3	10.9 E	10.3	8.59	7.02	5.60	4.68E	7.27	11.0	30
31	3.61E		4.71		11.0		8.59E	6.54		4.56E		13.0	31
TOTAL	136.33	99.32	104.61	219.63	325.51	332.9	292.05	236.68	175.94	156.77	181.47	265.74	TOTAL
MEAN	4.40	3.55	3.37	7.32	10.5	11.1	9.42	7.63	5.86	5.06	6.05	8.57	MEAN
MAX	4.93	3.83	4.71	10.3	11.0	12.2	10.3	8.59	6.78	5.83	7.27	13.0	MAX
MIN	3.61	3.17	2.75	4.34	9.91	10.3	8.59	6.54	5.37	4.49	4.49	6.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.92
MAXIMUM DAILY, 13.0 ON DEC 31
MINIMUM DAILY, 2.75 ON MAR 11

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 45 50 N
LONG 79 19 49 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 800	JUL	25 200
FEB	8 580	AUG	20 400
MAR	9 040	SEP	15 200
APR	19 000	OCT	13 500
MAY	28 100	NOV	15 700
JUN	28 800	DEC	23 000

TOTAL DISCHARGE, 218 000 dam³

SEVERN RIVER BELOW OUTLET OF DEER LAKE - STATION NO. 04CA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.3	18.7	16.0	14.0	31.8E	74.3	68.8	47.3	37.9	23.9	20.5	18.7	1
2	23.4	18.6	16.0	14.0	34.4E	76.5	67.4	46.2	37.8	24.3	20.3	18.4	2
3	23.1	18.5	16.0	13.9E	37.2E	78.6	66.2	45.8	37.2	23.9	20.4	18.2	3
4	22.9	18.4	15.9	13.9E	40.0E	78.8	65.6	45.9	37.0	23.6	20.3	18.5	4
5	22.7	18.3	15.7	13.8E	42.0E	78.4	65.3	46.2	36.9	23.5	19.8	18.3	5
6	22.6	18.2	15.6	13.8E	44.5E	78.8	64.2	46.6	36.4	23.5	20.1	18.2	6
7	22.7	18.1	15.5	13.8E	46.5E	79.2	63.1	47.0	35.6	23.3	19.2	18.1	7
8	22.7	18.0	15.5	13.9E	48.5E	79.4	63.5	46.6	35.2	23.1	19.7	18.6	8
9	22.6	17.8	15.4	13.9E	50.5E	79.8	61.5	46.4	34.6	22.6	19.5	18.7	9
10	22.4	17.6	15.1	14.0E	52.5E	81.3	60.6	46.2	33.7	23.0	19.7	18.8	10
11	22.0	17.3	15.0	14.0E	54.0E	81.0	59.6	46.8	33.4	23.0	19.3	18.6	11
12	21.6	17.1	14.9	14.1E	55.0E	81.0	58.1	46.4	32.8	22.9	19.3	18.7	12
13	21.2	17.0	15.0	14.2E	56.0E	80.1	57.5	46.2	32.2	23.1	19.1	19.0	13
14	20.9	17.0	15.0	14.4E	56.5E	79.2	57.1	46.5	31.7	23.3	19.2	18.7	14
15	21.0	17.0	15.2	14.5E	57.0E	79.5	56.8	46.1	31.7	22.9	19.1	18.8	15
16	20.8	17.0	15.2	14.7E	59.0E	80.1	56.6	45.9	30.9	22.4	18.9	18.5	16
17	20.9	16.9	15.1	15.0E	60.5E	80.1	57.0	45.6	30.2	21.6	19.0	18.4	17
18	20.8	16.8	15.0	15.3E	64.0E	80.0	56.6	44.7	29.7	21.8	18.6	18.4	18
19	20.4	16.7	14.9	15.6E	68.5E	79.6	56.4	44.3	28.6	22.1	18.3	18.6	19
20	20.4	16.5	14.8	16.0E	73.0E	79.2	56.2	44.2	28.3	22.3	18.2	18.4	20
21	20.8	16.5	14.7	16.4E	75.5E	78.9	55.9	43.4	28.0	21.3	18.1	18.4	21
22	20.1	16.5	14.7	17.0E	76.5E	78.5	54.3	42.4	27.6	21.2	18.1	19.1	22
23	19.8	16.3	14.6	17.6E	77.0E	78.3	53.7	42.4	26.9	21.0	18.0	19.2	23
24	19.8	16.0	14.4	18.4E	76.5E	77.9	53.2	42.0	26.9	20.2	18.2	19.0	24
25	19.5	16.0	14.5	19.7E	75.5E	76.5	52.4	41.7	26.2	20.2	18.7	18.7	25
26	19.1	15.9	14.4	21.2E	75.0E	75.6	51.8	39.4	25.8	20.1	18.5	18.5	26
27	19.1	15.9	14.4	22.8E	74.3E	74.9	52.2	39.9	25.1	20.1	18.8	18.5	27
28	19.2	15.9	14.3	24.3E	74.1	73.1	51.6	40.0	23.6	20.5	18.9	18.5	28
29	19.2		14.3	26.7E	73.6	71.9	50.7	39.2	23.8	20.4	18.4	18.8	29
30	19.2		14.2	29.2E	72.4	70.1	50.1	38.1	23.8	20.4	18.5	18.6	30
31	19.0		14.1		72.3		49.2	38.0		20.5		19.0	31
TOTAL	653.2	480.5	465.4	500.1	1 854.1	2 340.6	1 793.2	1 367.4	929.5	686.0	572.7	576.9	TOTAL
MEAN	21.1	17.2	15.0	16.7	59.8	78.0	57.8	44.1	31.0	22.1	19.1	18.6	MEAN
MAX	23.4	18.7	16.0	29.2	77.0	81.3	68.8	47.3	37.9	24.3	20.5	19.2	MAX
MIN	19.0	15.9	14.1	13.8	31.8	70.1	49.2	38.0	23.6	20.1	18.0	18.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.5
MAXIMUM DAILY, 81.3 ON JUN 10
MINIMUM DAILY, 13.8E ON APR 5
MAXIMUM INSTANTANEOUS,
81.6 AT 19:01 EST ON JUN 10

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 40 30 N
LONG 93 59 50 W

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	56 400	JUL	155 000
FEB	41 500	AUG	118 000
MAR	40 200	SEP	80 300
APR	43 200	OCT	59 300
MAY	160 000	NOV	49 500
JUN	202 000	DEC	49 800

TOTAL DISCHARGE, 1 060 000 dam³

SEVERN RIVER BELOW WASHAGO - STATION NO. 02EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.8	46.1	43.3	52.2	23.0	18.6	66.6	25.0	32.5	30.0	18.9	40.1	1
2	32.4	45.8	43.3	54.9	23.1	17.0	59.1	25.0	33.0	29.5	15.5	39.5	2
3	32.1	45.8	42.7	52.5	22.0	16.0	51.3	25.1	34.0	29.0	16.7	43.9	3
4	31.7	45.8	42.5	54.3	22.5	16.4	51.3	25.0	33.1	28.5	17.8	43.2	4
5	31.7	46.1	42.6	60.4	22.6	16.6	51.3	23.5	32.2	28.6	18.7	43.2	5
6	31.7	46.1	42.6	58.9	19.0	16.9	51.7	23.8	31.4	28.9	16.3	32.6	6
7	32.0	46.1	42.6	59.9	16.1	17.1	41.9	24.4	30.6	29.0	13.2	19.9	7
8	32.0	46.0	42.6	57.6	15.5	17.2	30.0	24.9	31.9	29.2	12.6	18.6	8
9	32.0	46.0	42.3	57.8	15.5	17.1	29.4	25.4	33.4	29.1	10.7	16.9	9
10	32.0	46.0	41.4	62.1	15.2	17.1	29.6	24.1	33.1	29.0	11.5	18.9	10
11	32.0	45.6	41.2	66.9	15.8	17.2	29.7	23.6	32.8	28.8	12.4	24.0	11
12	31.7	45.5	41.4	67.0	15.5	17.4	30.0	24.4	32.4	28.7	13.2	37.8	12
13	31.5	45.3	41.4	68.3	15.2	17.8	27.6	24.8	32.2	28.6	12.8	38.6	13
14	31.5	45.1	41.4	68.3	15.6	18.0	27.7	24.8	32.4	27.6	12.3	39.6	14
15	32.2	45.0	41.4	68.6	15.6	24.4	27.7	24.7	30.6	26.9	11.9	40.4	15
16	32.9	44.7	41.4	59.2	15.6	42.9	27.6	24.7	31.0	26.8	12.5	40.8	16
17	32.9	44.5	41.4	32.6	15.5	59.1	27.9	25.8	30.3	26.7	11.9	42.9	17
18	33.7	44.7	42.9	13.2	15.4	61.9	28.2	26.6	30.5	26.6	11.3	48.7	18
19	34.4	45.0	43.9	11.3	15.2	62.0	28.4	26.8	30.9	26.6	11.6	48.7	19
20	42.2	44.9	45.2	13.3	15.5	61.9	27.1	27.4	31.1	26.8	11.6	49.2	20
21	48.7	44.8	45.4	12.6	15.2	78.6	27.0	27.4	30.8	26.6	11.7	49.5	21
22	48.5	44.7	45.8	12.5	15.9	83.1	26.7	27.4	30.7	26.1	12.1	59.0	22
23	47.8	44.5	46.3	19.5	16.0	82.4	26.0	27.4	29.7	24.1	12.7	59.4	23
24	47.1	44.1	46.9	37.6	16.2	81.5	25.9	26.3	29.9	24.1	11.7	56.8	24
25	46.3	43.9	47.3	44.4	16.4	75.2	25.8	26.0	29.9	24.2	14.0	53.7	25
26	46.2	43.8	48.3	43.5	16.4	66.7	25.7	30.9	29.8	23.7	14.3	31.2	26
27	45.8	43.6	48.5	42.4	16.5	66.9	25.4	34.3	29.8	23.7	15.2	20.2	27
28	45.8	43.5	48.9	43.0	16.5	66.9	26.5	35.8	29.7	18.6	16.2	21.3	28
29	45.8		49.1	29.7	16.6	68.5	25.2	35.5	29.7	15.3	19.1	21.7	29
30	45.9		50.5	23.2	16.9	68.3	24.9	35.4	29.7	15.1	30.0	22.5	30
31	46.0		52.5		17.1		24.9	33.1		15.0		37.1	31
TOTAL	1 169.3	1 263.0	1 377.0	1 347.7	529.1	1 286.7	1 028.1	839.3	939.1	799.4	426.4	1 159.9	TOTAL
MEAN	37.7	45.1	44.4	44.9	17.1	42.9	33.2	27.1	31.3	25.8	14.2	37.4	MEAN
MAX	48.7	46.1	52.5	68.6	23.1	83.1	66.6	35.8	34.0	30.0	30.0	59.4	MAX
MIN	31.5	43.5	41.2	11.3	15.2	16.0	24.9	23.5	29.7	15.0	10.7	16.9	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.3
MAXIMUM DAILY, 83.1 ON JUN 22
MINIMUM DAILY, 10.7 ON NOV 9

TYPE OF GAUGE -
LOCATION - LAT N
LONG W
DRAINAGE AREA, 3 700 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	101 000	JUL	88 800
FEB	109 000	AUG	72 500
MAR	119 000	SEP	81 100
APR	116 000	OCT	69 100
MAY	45 700	NOV	36 800
JUN	111 000	DEC	100 000

TOTAL DISCHARGE, 1 050 000 dam³

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS AT 02EC005,02EC006, 02EC007 AND 02EC013

SHAMATTAWA RIVER AT OUTLET OF SHAMATTAWA LAKE - STATION NO. 04DC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.90B	4.18B	3.22B	2.80B	2.55B	83.4E	60.0E	70.4	43.6	41.2	55.9	17.2 B	1
2	5.80B	4.15B	3.20B	2.79B	2.70B	77.2E	58.0E	70.4	44.1	45.3	55.2	16.7 B	2
3	5.70B	4.10B	3.18B	2.78B	3.10B	74.0E	56.0E	69.5	45.7	46.4	54.7	16.6 B	3
4	5.65B	4.05B	3.16B	2.77B	6.00B	75.0E	54.0E	65.9	59.1	48.4	51.9	16.8 B	4
5	5.60B	4.02B	3.13B	2.75B	17.0 B	97.9E	53.0E	61.1	73.9	55.1	46.2	16.9 B	5
6	5.50B	4.00B	3.11B	2.74B	50.0 B	103 E	51.5E	56.2	94.8	71.3	45.1	16.7 B	6
7	5.45B	3.95B	3.10B	2.73B	140 B	107 E	51.0E	52.1	109	86.2	42.0	15.8 B	7
8	5.40B	3.90B	3.08B	2.72B	340 E	105 E	52.0E	47.7	114	95.7	39.0B	15.2 B	8
9	5.35B	3.90B	3.05B	2.71B	360 E	97.9E	54.0E	50.4	115	98.5	36.5B	14.7 B	9
10	5.30B	3.85B	3.03B	2.71B	375 E	93.0E	56.0E	82.8	115	99.6	35.0B	14.2 B	10
11	5.20B	3.80B	3.02B	2.70B	380 E	90.0E	54.0E	116	111	95.8	33.0B	13.7 B	11
12	5.10B	3.77B	3.01B	2.69B	370 E	87.0E	51.0E	131	105	82.5	31.5B	13.4 B	12
13	5.05B	3.75B	3.00B	2.68B	365 E	88.0E	48.0E	136	97.9	89.2	30.5B	13.2 B	13
14	5.02B	3.70B	2.99B	2.67B	355 E	90.0E	46.0E	131	94.1	83.3	29.5B	13.0 B	14
15	4.98B	3.68B	2.98B	2.67B	345 E	88.0E	44.0E	121	89.5	79.0	28.0B	12.7 B	15
16	4.95B	3.65B	2.97B	2.65B	335 E	86.0E	43.0E	109	82.9	79.7	27.0B	12.5 B	16
17	4.85B	3.60B	2.96B	2.64B	327 E	83.0E	43.0E	100	76.3	80.9	26.0B	12.3 B	17
18	4.80B	3.57B	2.95B	2.62B	305 E	80.0E	46.0E	90.7	72.1	79.8	25.2B	12.0 B	18
19	4.75B	3.53B	2.93B	2.61B	273 E	77.0E	49.5E	81.1	67.7	78.3	24.4B	11.8 B	19
20	4.70B	3.51B	2.92B	2.60B	256 E	75.0E	51.0E	75.5	65.4	76.9	23.5B	11.6 B	20
21	4.65B	3.50B	2.90B	2.59B	240 E	72.0E	49.5E	70.3	62.7	74.7	23.8B	11.4 B	21
22	4.60B	3.47B	2.89B	2.58B	217 E	70.0E	48.0E	64.8	58.7	71.6	24.3B	11.3 B	22
23	4.55B	3.44B	2.88B	2.57B	195 E	68.0E	45.0E	60.1	53.6	69.6	24.2B	11.1 B	23
24	4.45B	3.40B	2.86B	2.56B	182 E	66.0E	44.0E	55.6	51.3	66.5	22.5B	10.9 B	24
25	4.40B	3.37B	2.85B	2.54B	168 E	65.0E	60.0E	52.1	50.6	63.0	21.0B	10.7 B	25
26	4.38B	3.33B	2.83B	2.52B	155 E	64.0E	75.0E	49.8	47.0	62.2	20.0B	10.5 B	26
27	4.35B	3.30B	2.83B	2.51B	146 E	64.5E	86.0E	47.0	43.1	59.8	19.3B	10.3 B	27
28	4.30B	3.28B	2.82B	2.51B	135 E	64.0E	89.5	44.8	42.3	58.2	18.6B	10.1 B	28
29	4.25B		2.82B	2.50B	121 E	64.0E	87.2	44.5	41.1	56.8	18.0B	10.0 B	29
30	4.25B		2.81B	2.50B	104 E	62.0E	81.6	44.5	40.8	56.1	17.5B	9.90B	30
31	4.20B		2.80B		92.9 E		72.9	43.4		55.7		9.80B	31
TOTAL	153.43	103.75	92.28	79.41	6 363.25	2 416.9	1 759.7	2 294.7	2 167.3	2 217.3	949.3	403.00	TOTAL
MEAN	4.95	3.71	2.98	2.65	205	80.6	56.8	74.0	72.2	71.5	31.6	13.0	MEAN
MAX	5.90	4.18	3.22	2.80	380	107	89.5	136	115	99.6	55.9	17.2	MAX
MIN	4.20	3.28	2.80	2.50	2.55	62.0	43.0	43.4	40.8	41.2	17.5	9.80	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.1
MAXIMUM DAILY, 380E ON MAY 11
MINIMUM DAILY, 2.50B ON APR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 00 N
LONG 85 39 00 W
DRAINAGE AREA, 4 710 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 300	JUL	152 000
FEB	8 960	AUG	198 000
MAR	7 970	SEP	187 000
APR	6 860	OCT	192 000
MAY	550 000	NOV	82 000
JUN	209 000	DEC	34 800

TOTAL DISCHARGE, 1 640 000 dam³

SNEBANDOWAN RIVER AT OUTLET OF SNEBANDOWAN LAKE - STATION NO. 02AB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.04	2.74	2.81	2.67									
2	3.03	2.74	2.81	2.67	0.150	7.59	0.150	1.60	0	0	9.14	9.32	1
3	3.02	2.74	2.81	2.67	0.150	5.05	0.150	1.57	0	0	9.50	9.32	2
4	2.97	2.74	2.81	2.67	0.150	5.05	0.150	1.47	0	0	9.50	9.32	3
5	2.92	2.74	2.81	2.67	0.150	4.77	0.150	1.01	0	0	9.50	9.38	4
					0.150	4.49	0.150	0.150	0	0	9.68	9.44	5
6	2.88	2.74	2.81	2.67			7.45	0.450	0				
7	2.86	2.74	2.81	2.67	0.150	4.21	36.8	0.750	0	0	9.68	9.50	6
8	2.84	2.73	2.81	2.67	0.150	2.13	47.7	1.05	0	0.600	9.86	9.40	7
9	2.82	2.72	2.81	2.67	0.150	0.150	46.4	1.15	0	3.92	9.86	9.32	8
10	2.81	2.71	2.81	2.67	0.150	0.150	45.9	9.22	0	10.1	9.86	9.22	9
					0.150	0.150				10.9	9.32	9.14	10
11	2.81	2.70	2.81	2.67			45.5	17.8	0				
12	2.81	2.69	2.81	2.67	0.150	0.150	50.8	17.0	0	10.9	9.32	9.08	11
13	2.81	2.68	2.81	2.66	0.150	0.150	61.6	16.4	0	11.5	9.14	9.02	12
14	2.81	2.67	2.81	2.65	0.150	0.150	59.9	15.7	0	12.0	9.14	8.96	13
15	2.81	2.69	2.79	2.64	11.7	0.150	59.3	15.1	0	18.1	9.14	8.96	14
					23.9	0.150				26.1	8.96	8.96	15
16	2.81	2.69	2.77	2.63			59.3	15.1	0				
17	2.81	2.70	2.75	2.62	23.7	0.150	59.0	13.9	0	25.7	8.78	8.96	16
18	2.80	2.71	2.73	2.61	24.0	0.150	58.7	14.7	0	24.4	8.78	8.96	17
19	2.79	2.72	2.71	2.60	24.4	0.150	57.5	9.94	0	23.5	8.78	8.96	18
20	2.78	2.73	2.69	2.57	24.4	0.150	56.3	0	0	23.5	8.78	8.96	19
					23.8	0.150				22.7	8.78	8.96	20
21	2.77	2.74	2.67	2.53			55.1	0	0				
22	2.76	2.75	2.67	2.50	23.5	0.150	54.2	0	0	22.2	8.96	8.96	21
23	2.75	2.76	2.67	1.45	23.2	0.150	53.3	0	0	21.4	9.14	8.96	22
24	2.74	2.77	2.67	0.150	23.0	0.150	52.4	0	0	21.4	9.20	8.96	23
25	2.74	2.78	2.67	0.150	23.3	0.150	51.4	0	0	20.5	9.26	8.96	24
					17.3	0.150				20.1	9.32	8.96	25
26	2.74	2.79	2.67	0.150	12.0	0.150	50.3	0	0				
27	2.74	2.80	2.67	0.150	12.0	0.150	49.1	0	0	16.2	9.32	8.96	26
28	2.74	2.81	2.67	0.150	12.1	0.150	47.4	0	0	9.50	9.32	8.96	27
29	2.74		2.67	0.150	12.0	0.150	32.9	0	0	9.50	9.32	8.96	28
30	2.74		2.67	0.150	12.2	0.150	6.69	0	0	9.50	9.32	8.96	29
31	2.74		2.67		12.2		1.65	0	0	9.32		8.96	30
										9.32		8.96	31
TOTAL	87.43	76.52	85.15	60.550	340.650	36.740	1 207.340	154.060	0	392.860	277.98	281.70	TOTAL
MEAN	2.82	2.73	2.75	2.02	11.0	1.22	38.9	4.97	0	12.7	9.27	9.09	MEAN
MAX	3.04	2.81	2.81	2.67	24.4	7.59	61.6	17.8	0	26.1	9.86	9.50	MAX
MIN	2.74	2.67	2.67	0.150	0.150	0.150	0.150	0	0	0	8.78	8.96	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.22
MAXIMUM DAILY, 61.6 ON JUL 13
MINIMUM DAILY, 0 ON AUG 20

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 37 11 N
LONG 90 03 42 W

REGULATED SINCE 1924

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 550	JUL	104 000
FEB	6 610	AUG	13 300
MAR	7 360	SEP	0
APR	5 230	OCT	33 900
MAY	29 400	NOV	24 000
JUN	3 170	DEC	24 300

TOTAL DISCHARGE, 259 000 dam³

SNEBANDOWAN RIVER AT SUNSHINE - STATION NO. 02AB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.50B	5.57B	6.22B	7.28B	64.0	42.5E	13.0	34.7	13.5	12.4	41.7	39.3B	1
2	6.45B	5.56B	6.20B	7.32B	59.7	40.9E	12.4	33.7	13.6	12.7	39.7	35.4	2
3	6.40B	5.55B	6.18B	7.35B	55.0	39.5E	16.0	37.2	13.7	15.9	38.3	37.6	3
4	6.39B	5.54B	6.17B	7.38B	52.6	37.6E	25.8	47.8	13.8	18.0	38.0	35.8	4
5	6.30B	5.53B	6.19B	7.40B	57.7	36.4E	30.0	41.4	13.4	18.0	38.0	34.3	5
6	6.28B	5.52B	6.23B	7.43B	59.9					19.9	37.1	33.6	6
7	6.24B	5.50B	6.22B	7.48B	57.5	34.8E	200	33.6	12.9	53.8	35.2	31.9	7
8	6.20B	5.48B	6.21B	7.55B	50.7	33.4E	256	31.2	12.4	60.8	35.2	31.1B	8
9	6.18B	5.47B	6.30B	7.62B	52.7E	33.0E	264	30.1	11.7	58.6	33.8	30.3B	9
10	6.12B	5.46B	6.40B	7.79B	62.0E	32.8E	198	29.5	10.7	68.3	32.9	29.7B	10
						33.1E	149	28.9	10.4				
11	6.08B	5.45B	6.48B	7.93B	63.1					81.1	33.1	28.9B	11
12	6.04B	5.44B	6.66B	8.03B	59.2	31.3E	123	37.6	10.1	89.0	33.1	28.2B	12
13	6.02B	5.43B	6.72B	8.25B	56.4	29.7E	107	36.2	10.1	86.1	33.2	27.7B	13
14	6.01B	5.42B	6.80B	8.60B	67.2	30.3E	102	34.2	10.5	76.1	31.6	27.2B	14
15	5.98B	5.41B	6.98B	8.98B	87.8	31.7E	103	32.7	11.2	75.5	32.7	26.6B	15
						32.0E	101	32.0	11.5				
16	5.97B	5.41B	7.01B	10.3 B	81.8					68.3	32.3	25.9B	16
17	5.95B	5.43B	7.04B	11.2 B	76.8	31.6E	94.3	31.6	12.1	62.1	31.6	25.5B	17
18	5.86B	5.51B	7.08B	12.8 B	81.4	30.4E	97.4	31.1	12.3	59.1	30.7	25.1B	18
19	5.83B	5.65B	7.12B	15.2 B	86.1	23.3	113	30.2	12.6	60.2	29.4	24.7B	19
20	5.80B	5.91B	7.18B	18.0 B	81.8	21.7	104	30.0	13.4	59.3	45.5	24.2B	20
						20.2	93.6	21.5	12.9				
21	5.78B	6.10B	7.20B	22.3 B	75.6					57.5	87.0	23.7B	21
22	5.76B	6.20B	7.21B	29.3 B	69.0	20.6	86.4	16.6	12.7	54.2	81.7	23.2B	22
23	5.75B	6.28B	7.21B	51.7	68.4	20.9	81.7	16.5	12.5	51.0	76.2	22.8B	23
24	5.73B	6.30B	7.20B	88.0	60.6	20.0	77.0	16.4	12.1	48.9	69.8	22.4B	24
25	5.72B	6.34B	7.20B	136	56.8	19.0	72.7	16.2	11.8	47.0	64.7	22.2B	25
						18.8	69.1	15.7	11.8				
26	5.71B	6.30B	7.20B	138	47.7					45.2	60.9	21.7B	26
27	5.69B	6.28B	7.20B	107	45.2	17.6	65.6	15.3	11.7	37.7	58.2	21.3B	27
28	5.65B	6.26B	7.20B	86.2	44.8	16.4	62.9	14.8	11.4	35.8	53.1B	21.0B	28
29	5.62B		7.20B	76.2	44.7	15.7	60.7	14.3	11.3	37.6	47.1B	20.6B	29
30	5.60B		7.22B	69.9	44.8	14.5	58.3	13.9	11.5	43.2	42.7B	20.3B	30
31	5.58B		7.24B		43.5E	13.7	53.5	13.8	12.0	43.6		20.0B	31
			7.26B				37.2	13.6					
TOTAL	185.19	160.30	210.81	988.49	1 910.5	823.4	2 927.6	832.3	361.6	1 556.9	1 344.5	842.2	TOTAL
MEAN	5.97	5.73	6.80	32.9	61.6	27.4	94.4	26.8	12.1	50.2	44.8	27.2	MEAN
MAX	6.50	6.34	7.26	138	87.8	42.5	264	47.8	13.8	89.0	87.0	39.3	MAX
MIN	5.58	5.41	6.17	7.28	43.5	13.7	12.4	13.6	10.1	12.4	29.4	20.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.3
MAXIMUM DAILY, 264 ON JUL 8
MINIMUM DAILY, 5.41B ON FEB 15
MAXIMUM INSTANTANEOUS,
275 AT 05:45 EST ON JUL 8

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 33 20 N
LONG 89 40 55 W
DRAINAGE AREA, 2 800 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 000	JUL	253 000
FEB	13 800	AUG	71 900
MAR	18 200	SEP	31 200
APR	85 400	OCT	135 000
MAY	165 000	NOV	116 000
JUN	71 100	DEC	72 800

TOTAL DISCHARGE, 1 050 000 dam³

SHEKAK RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.25B	7.05B	5.65B	6.15B	115 B	49.0	24.9	28.7	9.47	57.7	106	48.0B	1
2	9.20B	7.00B	5.60B	6.20B	158	47.9	23.4	25.5	9.72	55.8	101	44.0B	2
3	9.20B	6.90B	5.60B	6.30B	161	45.0	21.8	23.9	15.4	54.7	95.7	50.0B	3
4	9.10B	6.80B	5.60B	6.35B	168	42.3	19.8	22.6	23.0	53.9	90.5	56.0B	4
5	9.05B	6.80B	5.55B	6.40B	177	39.0	18.6	21.1	29.3	51.6	87.0	55.5B	5
6	9.00B	6.75B	5.55B	6.52B	185	35.0	19.1	19.6	32.2	48.6	84.4	53.5B	6
7	9.00B	6.70B	5.55B	6.70B	191	32.5	19.0	18.5	33.1	51.6	80.8	51.0B	7
8	8.95B	6.65B	5.55B	6.80B	193	30.7	19.7	17.8	33.4	61.5	75.2	49.5B	8
9	8.85B	6.60B	5.50B	6.95B	191	29.0	20.9	18.2	33.7	69.1	70.8	46.5B	9
10	8.80B	6.55B	5.50B	7.10B	185	27.6	20.6	19.5	32.4	74.9	65.9	45.5B	10
11	8.70B	6.50B	5.50B	7.25B	181	28.1	25.7	20.1	31.8	80.3	62.9	44.0B	11
12	8.60B	6.45B	5.50B	7.35B	175	27.8	51.7	20.1	30.1	83.2	60.7	42.0B	12
13	8.60B	6.40B	5.50B	7.50B	166	27.2	72.4	19.5	29.5	84.4	56.4	40.5B	13
14	8.50B	6.35B	5.50B	7.60B	158	26.1	84.6	18.7	29.9	86.7	53.5B	39.5B	14
15	8.40B	6.30B	5.55B	7.80B	150	25.9	89.3	18.2	31.0	90.1	51.0B	38.0B	15
16	8.35B	6.25B	5.58B	8.00B	141	25.6	89.6	17.3	32.6	90.3	49.5B	37.0B	16
17	8.25B	6.20B	5.60B	8.10B	132	25.6	91.1	16.7	33.9	89.6	48.0B	36.0B	17
18	8.20B	6.10B	5.60B	8.30B	125	25.6	89.1	15.7	35.5	88.0	47.0B	35.0B	18
19	8.10B	6.05B	5.60B	8.50B	118	25.0	83.7	15.4	36.8	91.4	46.0B	34.0B	19
20	8.05B	6.00B	5.65B	8.70B	113	24.5	77.8	15.3	45.5	93.3	46.0B	33.0B	20
21	8.00B	5.95B	5.65B	9.00B	107	25.0	71.5	14.1	57.3	96.7	51.0B	32.0B	21
22	7.95B	5.95B	5.70B	9.20B	100	26.0	65.6	13.7	66.1	98.1	60.0B	31.3B	22
23	7.90B	5.95B	5.75B	9.60B	93.1	26.2	59.8	13.7	70.0	98.1	59.5B	30.3B	23
24	7.80B	5.91B	5.80B	10.5 B	86.1	27.1	54.5	13.3	70.3	96.9	57.0B	29.5B	24
25	7.70B	5.85B	5.80B	13.0 B	79.5	30.0	50.5	13.0	67.9	102	54.0B	28.5B	25
26	7.50B	5.75B	5.90B	20.0 B	73.6	30.9	45.5	12.6	65.9	103	51.5B	28.0B	26
27	7.45B	5.75B	5.95B	26.0 B	67.2	31.1	42.0	12.3	62.4	103	49.0B	26.8B	27
28	7.40B	5.70B	5.95B	37.0 B	61.8	30.4	38.6	11.8	58.0	105	47.5B	25.8B	28
29	7.35B		6.00B	54.0 B	56.0	28.5	35.2	11.3	56.7	106	45.5B	25.0B	29
30	7.20B		6.05B	78.0 B	53.1	26.3	33.1	10.3	58.2	108	44.3B	24.6B	30
31	7.10B		6.10B		50.5		30.7	9.87		108		24.0B	31
TOTAL	257.50	177.06	175.88	410.87	4 010.5	920.9	1 489.8	528.37	1 220.69	2 581.7	1 897.6	1 180.3	TOTAL
MEAN	8.31	6.32	5.67	13.7	129	30.7	48.1	17.0	40.7	83.3	63.3	38.1	MEAN
MAX	9.25	7.05	6.10	78.0	193	49.0	91.1	28.7	70.3	108	106	56.0	MAX
MIN	7.10	5.70	5.50	6.15	50.5	24.5	18.6	9.87	9.47	48.6	48.3	24.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 40.7
MAXIMUM DAILY, 193 ON MAY 8
MINIMUM DAILY, 5.50B ON MAR 9
MAXIMUM INSTANTANEOUS,
195 AT 08:59 EST ON MAY 8

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 20 N
LONG 84 24 24 W
DRAINAGE AREA, 3 290 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	22 200	JUL	129 000
FEB	15 300	AUG	45 700
MAR	15 200	SEP	105 000
APR	35 500	OCT	223 000
MAY	347 000	NOV	164 000
JUN	79 600	DEC	102 000

TOTAL DISCHARGE, 1 280 000 dam³

SHELTER VALLEY BROOK NEAR GRAFTON - STATION NO. 02HD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.868	0.440B	0.460B	9.09	0.690	0.877	0.566	0.352E	0.749	0.539	0.633	0.732	1
2	1.02 B	0.440B	0.460B	3.71	0.665	0.769	0.515	0.352E	0.813	0.510	1.04	0.691	2
3	1.69	0.460B	0.460B	12.3	0.636	0.653	0.499	0.340E	0.730	0.491	0.943	0.804	3
4	1.52	0.455B	0.460B	11.1	0.620	0.616	0.489	0.340E	0.644E	0.471	1.46	1.14	4
5	1.09 B	0.450B	0.500B	3.83 B	0.580	0.679	0.488	0.340E	0.526E	0.460	1.03	0.891	5
6	1.05 B	0.445B	0.500B	1.85 B	0.603	2.20	0.438	0.340E	0.439	0.444	0.776	1.12	6
7	0.736B	0.440B	0.490B	1.40 B	0.584	1.21	0.433	0.334E	0.507	0.533	0.690	0.854	7
8	0.680B	0.440B	0.480B	1.25 B	1.05	0.859	0.407	0.324E	0.439	0.817	0.657	0.790	8
9	0.640B	0.440B	0.470B	1.52 E	1.13	0.655	0.368	0.310E	0.394	0.683	0.617	0.704A	9
10	0.610B	0.440B	0.510B	2.43 E	0.729	0.883	0.345	0.434	0.394	0.582	0.595	0.650B	10
11	0.590B	0.440B	0.620B	3.09 E	0.650	1.41	0.441	0.356	0.379	0.814	0.647	0.600B	11
12	0.570B	0.440B	0.760B	2.36 E	0.633	0.751	0.578	0.352	0.421	0.757	0.953	0.580B	12
13	0.550B	0.440B	0.949B	5.79 E	0.631	0.755	0.488	0.220E	0.389	0.620	0.884	0.570B	13
14	0.530B	0.445B	1.00 B	4.48 E	0.597	0.796	0.413	0.466	0.381	0.657	0.717	0.600B	14
15	0.520B	0.460B	1.05 A	2.80 E	0.566	0.773	0.409	0.397	0.426	0.753	0.662	0.645B	15
16	0.510B	0.470B	1.42	2.39 E	0.561	1.32	0.385	0.376	0.420	0.663	0.604	1.10 E	16
17	0.505B	0.475B	1.38	4.84 A	0.533	0.853	0.406	0.367	0.399	0.587	0.610	0.860B	17
18	0.500B	0.490B	1.46	4.40 E	0.515	0.697	0.506E	0.378	0.688	0.555	0.580	0.700B	18
19	0.490B	0.496B	1.44	1.62 E	0.625	0.760	0.550E	0.190E	0.641	0.563	0.568	0.650B	19
20	0.480B	0.595B	1.43	2.75 E	1.09	0.832	0.520	0.280E	0.474	0.602	0.613	0.615B	20
21	0.475B	0.620B	1.48	4.75 A	0.623	1.43	0.442	0.649	0.448	0.628	1.24	0.600B	21
22	0.470B	0.610B	1.52	1.35	0.567	1.75	0.438	0.714	0.663	0.540	1.08	0.595B	22
23	0.500B	0.580B	1.41	1.11	0.711	0.938	0.378	0.831	0.988	0.530	0.823	0.610B	23
24	0.490B	0.540B	1.46	1.12	2.84	0.746	0.352	0.657E	0.790	0.535	1.14	0.980B	24
25	0.475B	0.510B	1.59	1.04	1.06	0.697	0.400	3.14	0.837	0.518	0.801	1.48 E	25
26	0.460B	0.500B	1.19 B	0.933	0.801	1.30	0.402	1.14	0.664	0.523	0.785	1.04 E	26
27	0.455B	0.480B	0.920B	0.876	0.652	0.830	0.385	0.929	0.808	0.507	0.818	0.860E	27
28	0.450B	0.470B	0.950B	0.820	6.30	0.663	0.703	0.868	0.762	0.503	0.669	1.15 E	28
29	0.445B		1.10 B	0.773	2.52	0.828	0.619	0.792	0.609	0.531	0.927	0.900B	29
30	0.440B		1.29	0.743	1.17	0.719	0.495	0.731	0.548	0.501	0.864	0.800B	30
31	0.440B		6.44		0.991		0.340E	0.714		0.509		0.700B	31
TOTAL	20.249	13.511	35.699	96.519	31.923	28.249	14.119	18.013	17.370	17.886	24.426	25.011	TOTAL
MEAN	0.653	0.483	1.15	3.22	1.03	0.942	0.455	0.581	0.579	0.577	0.814	0.807	MEAN
MAX	1.69	0.620	6.44	12.3	6.30	2.20	0.703	3.14	0.988	0.817	1.46	1.48	MAX
MIN	0.440	0.440	0.460	0.743	0.515	0.616	0.340	0.190	0.379	0.444	0.568	0.570	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.940
MAXIMUM DAILY, 12.3 ON APR 3
MINIMUM DAILY, 0.190E ON AUG 19
MAXIMUM INSTANTANEOUS,
23.4 AT 18:37 EST ON APR 3

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 59 31 N
LONG 78 00 07 W
DRAINAGE AREA, 64.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 750	JUL	1 220
FEB	1 170	AUG	1 560
MAR	3 080	SEP	1 500
APR	8 340	OCT	1 550
MAY	2 760	NOV	2 110
JUN	2 440	DEC	2 160

TOTAL DISCHARGE, 29 600 dam³

SKOOTAMATTA RIVER NEAR ACTINOLITE - STATION NO. 02HL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.30	3.13B	3.03B	33.8	22.7	8.67	2.46	1.35	0.802A	0.815	0.708	19.3	1
2	6.45	3.15B	3.04B	38.5	20.4	7.39	2.38	1.29	0.826A	0.726	1.06	18.8	2
3	6.65	3.20B	3.03B	40.7	18.3	6.21	2.34	1.25	0.861	0.700	1.72	22.4	3
4	7.33	3.24B	3.03B	47.3	16.4	5.25	2.14	1.23	0.894	0.662	3.77	28.9	4
5	8.32	3.25B	3.04B	45.8	14.6	4.65	1.76	1.18	0.830	0.648	7.50	33.2	5
6	8.66	3.28B	3.05B	41.1	13.1	4.90	1.61	1.14	0.803	0.634	7.30	33.0	6
7	8.68	3.27B	3.07B	35.0	11.9	5.25	1.51	1.09	0.791	0.632	5.96	32.0	7
8	8.04	3.25B	3.07B	31.8	12.3	4.94	1.39	1.08	0.854	1.11	4.71	29.8	8
9	7.94	3.23B	3.10B	29.4	14.6	4.30	1.22	1.10	0.832	1.60	3.96	27.2	9
10	7.32	3.21B	3.13	28.9	14.4	3.75	1.05	1.12	0.764	1.40	3.48	24.1B	10
11	6.90B	3.20B	3.18	29.7	12.6	3.46	0.941	1.09	0.743	1.22	3.39	21.8B	11
12	6.60B	3.19B	3.48	29.4	11.1	3.27	0.984	1.05	0.726	1.32	5.11	18.8B	12
13	6.30B	3.18B	4.42	31.4	10.2	2.98	1.12	1.04	0.706	1.24	9.11	16.1B	13
14	6.12B	3.18B	6.30	35.6	9.23	2.90	1.14	1.04	1.00	1.13	10.4	17.0B	14
15	5.90B	3.16B	8.37	39.4	8.32	2.83	1.22	1.03	1.41	1.14	10.1	17.8	15
16	5.62B	3.15B	9.91	41.1	7.62	3.41	1.18	0.974	1.04	1.22	9.81	20.8	16
17	5.44B	3.13B	9.59	43.8	7.17	3.90	1.23	0.916	0.835	1.19	9.23	21.1B	17
18	5.20B	3.11B	9.55	48.8	6.82	3.59	1.45	0.882	0.716	1.02	8.81	20.6B	18
19	5.00B	3.10B	10.0	49.5	6.60	3.36	1.46	0.912	0.583	0.899	8.80	21.1	19
20	4.80B	3.10B	10.3	47.5	6.44	3.40	1.42	0.931	0.570	1.04	8.70	20.0	20
21	4.58B	3.09B	11.0	56.2	6.37	3.55	1.21	0.836	0.583	1.00	9.88	17.9	21
22	4.38B	3.08B	11.1	59.7	5.74	4.64	1.35	0.882	0.516	0.964	12.1	15.8	22
23	4.20B	3.08B	12.0	56.3	5.19	6.15	1.47	0.941	0.615	0.910	12.3	15.8	23
24	4.00B	3.10B	12.9	50.7	6.99	6.46	1.46	0.925	0.649	0.846	15.1 A	15.6	24
25	3.86B	3.09B	14.3	45.6	8.79	5.35	1.43	1.11	0.681	0.792	18.1 A	21.4	25
26	3.67B	3.05B	17.1	40.6	7.67	4.37	1.48	1.32	0.702	0.728	17.5	34.5	26
27	3.42B	3.05B	18.4	36.6	5.71	3.53	1.44	1.31	0.806	0.708	16.1	36.9	27
28	3.25B	3.05B	17.0	33.1	5.68	3.22	1.51	1.08	1.03	0.692	14.7	33.9	28
29	3.17B		15.5	28.8	10.7	2.99	1.62	0.978	1.01	0.680	16.7	34.6	29
30	3.07B		14.9	25.3	10.8	2.68	1.49	0.876	0.899	0.687	18.8	33.1	30
31	3.07B		18.9		9.44		1.29	0.824		0.671		29.9	31
TOTAL	174.24	88.30	268.79	1 201.0	327.88	131.35	45.755	32.777	24.077	29.024	274.868	753.2	TOTAL
MEAN	5.62	3.15	8.67	40.0	10.6	4.38	1.48	1.06	0.803	0.936	9.16	24.3	MEAN
MAX	8.68	3.28	18.9	59.7	22.7	8.67	2.46	1.35	1.41	1.60	18.8	36.9	MAX
MIN	3.07	3.05	3.03	25.3	5.19	2.68	0.941	0.824	0.516	0.632	0.708	15.6	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.18
MAXIMUM DAILY, 59.7 ON APR 22
MINIMUM DAILY, 0.516 ON SEP 22
MAXIMUM INSTANTANEOUS,
60.5 AT 10:04 EST ON APR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 58 N
LONG 77 19 45 W
DRAINAGE AREA, 712 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 100	JUL	3 950
FEB	7 630	AUG	2 830
MAR	23 200	SEP	2 080
APR	104 000	OCT	2 510
MAY	28 300	NOV	23 700
JUN	11 300	DEC	65 100

TOTAL DISCHARGE, 290 000 dam³

SOPER CREEK AT BOWMANVILLE - STATION NO. 02HD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.20 B	0.360B	0.475B	6.68	0.754	0.552	0.530	0.347	0.374	0.422	0.530	0.829	1
2	1.05 B	0.360B	0.460B	2.21	0.722	0.525	0.467	0.368	0.393	0.416	0.923	0.793	2
3	0.920B	0.400B	0.450B	16.7	0.706	0.468	0.463	0.385	0.417	0.406	1.40	0.935	3
4	3.00 B	0.410B	0.450B	3.70	0.668	0.447	0.462	0.450	0.355	0.420	2.69	1.38	4
5	1.91 B	0.400B	0.500B	1.82	0.634	0.565	0.399	0.406	0.356	0.393	1.68	1.15	5
6	1.20 B	0.390B	0.540B	1.60 B	0.649	1.55	0.381	0.369	0.352	0.368	1.07	1.91	6
7	0.720B	0.390B	0.500B	1.45 B	0.651	0.903	0.391	0.343	0.342	0.466	0.809	1.14	7
8	0.490B	0.390B	0.470B	1.28 B	1.00	0.639	0.396	0.356	0.347	0.673	0.674	0.903	8
9	0.450B	0.385B	0.440B	1.34 B	0.944	0.541	0.362	0.394	0.334	0.463	0.610	0.760B	9
10	0.430B	0.380B	0.435B	1.45	0.683	4.56	0.326	0.349	0.328	0.422	0.587	0.740B	10
11	0.410B	0.380B	1.00 B	1.63	0.632	5.90	0.348	0.338	0.331	0.620	0.637	0.710B	11
12	0.400B	0.390B	2.50 B	1.47	0.600	1.33	0.386	0.321	0.337	0.601	0.925	0.680B	12
13	0.393B	0.400B	4.40 B	2.22	0.604	1.01	0.347	0.300	0.355	0.493	0.824	0.670B	13
14	0.385B	0.410B	8.50 B	2.01	0.572	0.948	0.320	0.296	0.356	0.485	0.678	0.730B	14
15	0.380B	0.440B	5.50 B	1.72	0.547	0.956	0.310	0.293	0.462	0.587	0.624	0.751	15
16	0.370B	0.500B	4.20 B	1.89	0.535	2.32	0.351	0.313	0.388	0.542	0.579	1.48 B	16
17	0.360B	0.550B	4.30 B	2.49	0.508	1.09	0.462	0.316	0.355	0.470	0.554	1.08 B	17
18	0.360B	0.493B	4.35 B	2.13	0.502	0.801	0.611	0.308	0.697	0.472	0.535	0.974B	18
19	0.360B	0.500B	4.40 B	1.44	0.623	0.917	1.84	0.322	0.485	0.479	0.522	0.860B	19
20	0.360B	0.520B	4.60 B	3.24	1.19	1.02	0.538	0.353	0.429	0.463	0.531	0.740B	20
21	0.360B	0.540B	4.80 B	3.77	0.677	0.882	0.423	0.331	0.390	0.530	1.41	0.670	21
22	0.360B	0.570B	6.18	1.70	0.581	0.782	0.385	0.333	0.412	0.459	1.40	0.659	22
23	0.460B	0.580B	6.08	1.41	0.603	0.728	0.368	0.406	0.564	0.448	0.978	0.684	23
24	0.440B	0.560B	5.07	1.32	0.674	0.585	0.345	0.359	0.493	0.450	1.68	1.67	24
25	0.420B	0.540B	3.82	1.23	0.665	0.702	0.344	0.995	0.613	0.421	1.00	3.60	25
26	0.405B	0.520B	3.17	1.17	0.609	2.31	0.334	0.529	0.504	0.429	0.832	2.88	26
27	0.390B	0.500B	1.53	1.08	0.534	1.12	0.338	0.420	0.747	0.430	0.707	1.58	27
28	0.388B	0.490B	1.54 B	0.944	0.922	0.799	0.833	0.377	0.693	0.434	0.668	3.00	28
29	0.370B		2.02 B	0.889	0.873	0.794	0.491	0.384	0.548	0.430	1.06	2.20	29
30	0.360B		2.79	0.820	0.667	0.656	0.399	0.367	0.462	0.433	1.04	1.22	30
31	0.360B		13.4		0.618		0.356	0.381		0.427		0.916B	31
TOTAL	19.453	12.748	98.870	72.803	21.147	36.400	14.306	11.809	13.219	14.552	28.157	38.254	TOTAL
MEAN	0.628	0.455	3.19	2.43	0.682	1.21	0.461	0.381	0.441	0.469	0.939	1.23	MEAN
MAX	3.00	0.580	13.4	16.7	1.19	5.90	1.84	0.995	0.747	0.673	2.69	3.60	MAX
MIN	0.360	0.360	0.435	0.820	0.502	0.447	0.310	0.293	0.328	0.368	0.522	0.659	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.05
MAXIMUM DAILY, 16.7 ON APR 3
MINIMUM DAILY, 0.293 ON AUG 15
MAXIMUM INSTANTANEOUS,
46.7 AT 15:53 EST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 08 N
LONG 78 40 21 W
DRAINAGE AREA, 77.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 680	JUL	1 240
FEB	1 100	AUG	1 020
MAR	8 540	SEP	1 140
APR	6 290	OCT	1 260
MAY	1 830	NOV	2 430
JUN	3 140	DEC	3 310

TOTAL DISCHARGE, 33 000 dam³

SOUTH BRANCH MUSKOKA RIVER AT BAYSVILLE - STATION NO. 02EB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.5	21.0	26.3	29.0	100	8.97	18.4	7.71	5.90	27.5	14.3	56.1	1
2	15.7	20.5	25.4	29.8	99.5	9.10	18.0	7.71	5.96	27.0	16.0	56.7	2
3	15.4	25.8	26.7	30.1	81.3	9.17	18.1	7.65	5.99	25.9	18.4	57.8	3
4	15.4	25.8	28.3	31.6	51.6	9.07	17.9	7.65	6.40	25.2	18.9	58.2	4
5	15.6	25.0	27.8	32.2	48.4	9.07	16.5	7.65	6.54	24.5	21.6	59.5	5
6	15.9	24.5	26.8	33.4	48.3	9.00	12.9	7.48	6.64	20.9	26.8	69.1	6
7	15.6	23.7	26.2	33.6	35.1	8.93	11.1	7.38	6.67	15.2	27.8	76.5	7
8	15.6	24.7	25.9	33.6	25.1	8.93	11.0	7.26	6.64	11.8	27.6	81.3	8
9	15.6	26.0	26.8	33.6	25.6	8.83	9.61	7.17	6.37	12.1	28.3	84.3	9
10	15.6	25.5	28.2	33.3	25.4	8.77	8.60	7.01	6.31	12.1	28.8	82.0	10
11	16.1	28.1	29.4	33.7	25.1	9.34	8.50	6.95	6.70	12.0	28.9	81.3	11
12	15.9	30.2	32.1	33.8	18.7	9.34	8.73	6.70	6.95	11.9	30.5	79.1	12
13	15.9	29.7	33.8	34.4	14.1	9.17	8.83	6.70	7.01	12.0	32.7	77.6	13
14	15.7	28.3	32.4	36.2	14.3	9.07	8.83	6.58	7.32	12.1	34.9	74.6	14
15	15.6	28.1	31.6	37.3	14.1	9.00	8.83	6.45	7.68	12.9	36.1	72.0	15
16	15.6	29.9	30.6	38.9	13.9	9.51	8.73	6.48	7.65	13.1	44.9	71.9	16
17	15.0	33.8	33.0	45.0	13.9	9.51	8.66	6.16	7.71	13.3	52.5	70.5	17
18	14.9	32.4	35.8	54.8	13.0	9.41	8.60	6.10	7.78	13.3	51.8	67.9	18
19	14.8	31.5	35.5	61.2	10.4	9.69	8.93	6.04	7.82	13.5	52.7	65.3	19
20	14.6	30.2	36.3	68.2	8.93	10.0	8.93	6.10	7.88	13.5	54.4	55.4	20
21	14.6	29.7	35.5	73.5	8.87	19.9	8.73	6.10	7.82	13.6	54.1	45.0	21
22	14.5	28.3	35.6	78.7	8.87	28.6	8.60	6.04	10.2	14.2	54.1	36.9	22
23	14.5	29.3	36.3	82.0	8.66	28.7	8.60	5.96	18.3	13.9	55.7	32.2	23
24	14.9	31.2	35.4	86.1	8.77	28.4	8.50	6.04	22.4	14.1	58.7	32.4	24
25	15.2	29.9	33.9	89.1	8.77	28.0	8.19	6.25	22.8	14.0	57.4	33.8	25
26	14.9	28.6	34.4	92.1	8.80	28.8	8.26	6.04	22.7	14.0	56.4	36.3	26
27	21.9	27.9	33.0	95.8	8.73	28.4	8.05	5.99	22.7	14.0	55.7	38.0	27
28	21.9	26.9	31.5	98.0	8.90	28.0	8.19	5.96	22.9	14.1	54.9	52.4	28
29	21.4		30.6	99.5	8.97	24.5	7.99	6.04	22.9	13.8	55.1	65.3	29
30	21.1		29.9	100	8.80	18.4	7.92	5.96	25.5	14.0	55.4	71.3	30
31	20.7		28.8		9.14		7.92	5.96		14.2		76.3	31
TOTAL	505.6	776.5	963.8	1 658.5	784.01	445.58	320.63	205.19	336.14	483.7	1 285.4	1 917.0	TOTAL
MEAN	16.3	27.7	31.1	55.3	25.3	14.9	10.3	6.62	11.2	15.6	40.2	61.8	MEAN
MAX	21.9	33.8	36.3	100	100	28.8	18.4	7.71	25.5	27.5	58.7	84.3	MAX
MIN	14.5	20.5	25.4	29.0	8.66	8.77	7.92	5.96	5.90	11.8	14.3	32.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.3
MAXIMUM DAILY, 100 ON APR 30
MINIMUM DAILY, 5.90 ON SEP 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 08 50 N
LONG 79 06 50 W
DRAINAGE AREA, 1 390 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	43 700	JUL	27 700
FEB	67 100	AUG	17 700
MAR	83 300	SEP	29 000
APR	143 000	OCT	41 800
MAY	67 700	NOV	104 000
JUN	38 500	DEC	166 000

TOTAL DISCHARGE, 830 000 dam³

SOUTH CASTOR RIVER AT KENNORE - STATION NO. 02LB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.425B	0.395B	0.345B	42.5 B	1.53	0.428	0.335	0.278	0.207	0.260	0.252	2.90	1
2	0.420B	0.390B	0.340B	46.3 B	1.37	0.432	0.311	0.286	0.223	0.364	0.255	4.46	2
3	0.520B	0.385B	0.335B	45.7 B	1.24	0.427	0.302	0.280	0.234	0.365	0.276	5.09	3
4	0.670B	0.383B	0.333B	45.0 B	1.09	0.389	0.285	0.245	0.223	0.309	0.813	6.97	4
5	0.920B	0.382B	0.332B	32.8	1.01	0.385	0.271	0.239	0.213	0.275	3.29	6.76	5
6	1.23 B	0.381B	0.331B	27.0	0.958	0.421	0.251	0.224	0.219	0.263	3.70	5.63	6
7	1.34 B	0.380B	0.331B	17.3	0.906	0.449	0.245	0.206	0.255	0.255	2.60	5.16	7
8	1.29 B	0.379B	0.330B	9.52	0.915	0.436	0.246	0.202	0.258	0.261	1.88	3.44	8
9	1.24 B	0.377B	0.330B	6.70	1.47	0.398	0.223	0.199	0.238	0.270	1.44	2.18 B	9
10	1.19 B	0.375B	0.329B	7.04	1.92	0.360	0.216	0.183	0.214	0.273	1.13	1.78 B	10
11	1.14 B	0.373B	0.410B	8.38	1.55	0.345	0.226	0.177	0.194	0.264	0.998	1.64 B	11
12	1.08 B	0.371B	0.560B	8.66	1.29	0.329	0.497	0.163	0.184	0.261	1.08	1.48 B	12
13	1.03 B	0.369B	0.760B	10.5	1.09	0.316	0.550	0.164	0.185	0.266	1.42	1.14	13
14	0.970B	0.367B	1.01 B	12.7	0.969	0.307	0.370	0.160	0.171	0.289	1.28	0.906	14
15	0.915B	0.365B	1.70 B	12.7	0.884	0.311	0.309	0.156	0.217	0.327	1.12	0.899	15
16	0.870B	0.363B	2.08 B	12.1	0.810	0.342	0.276	0.138	0.245	0.381	0.941	3.39	16
17	0.825B	0.361B	1.97 B	11.9	0.748	0.355	0.254	0.133	0.228	0.361	0.867	8.69	17
18	0.785B	0.359B	1.84 B	11.8	0.669	0.341	0.248	0.137	0.207	0.341	0.795	6.63	18
19	0.740B	0.365B	1.82 B	8.59	0.635	0.326	0.325	0.150	0.230	0.318	0.762	3.30	19
20	0.705B	0.385B	1.84 B	6.59	0.660	0.324	0.327	0.148	0.228	0.296	0.724	1.93	20
21	0.670B	0.405B	2.00 B	11.7	0.606	0.428	0.272	0.131	0.216	0.289	0.718	1.52	21
22	0.635B	0.400B	2.18 B	10.9	0.537	0.923	0.244	0.130	0.209	0.286	0.787	1.22	22
23	0.600B	0.395B	2.20 B	6.84	0.509	0.769	0.226	0.152	0.218	0.278	0.859	1.20	23
24	0.565B	0.390B	2.35 B	4.92	0.531	0.585	0.207	0.166	0.240	0.275	1.07	1.14	24
25	0.530B	0.385B	2.80 B	3.89	0.613	0.516	0.198	0.269	0.251	0.272	1.57	1.95	25
26	0.510B	0.378B	4.80 B	3.17	0.611	0.531	0.202	0.508	0.253	0.268	1.32	12.6	26
27	0.490B	0.365B	5.75 B	2.72	0.555	0.552	0.150	0.392	0.257	0.258	1.02 B	13.6	27
28	0.470B	0.352B	7.45 B	2.29	0.519	0.460	0.184	0.314	0.261	0.262	0.949B	10.8	28
29	0.450B		7.60 B	1.97	0.506	0.400	0.209	0.270	0.291	0.264	0.951	10.3	29
30	0.430B		7.85 B	1.72	0.481	0.366	0.181	0.251	0.268	0.253	1.54	7.26	30
31	0.405B		16.5 B		0.451		0.234	0.224		0.259		4.38 B	31
TOTAL	24.060	10.575	78.806	433.90	27.633	12.951	8.374	6.675	6.837	8.963	36.407	140.385	TOTAL
MEAN	0.776	0.378	2.54	14.5	0.891	0.432	0.270	0.215	0.228	0.289	1.21	4.53	MEAN
MAX	1.34	0.405	16.5	46.3	1.92	0.923	0.550	0.508	0.291	0.381	3.70	13.6	MAX
MIN	0.405	0.352	0.329	1.72	0.451	0.307	0.150	0.130	0.171	0.253	0.252	0.899	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.18
MAXIMUM DAILY, 46.3B ON APR 2
MINIMUM DAILY, 0.130 ON AUG 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 13 40 N
LONG 75 24 46 W
DRAINAGE AREA, 189 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 080	JUL	728
FEB	914	AUG	577
MAR	6 810	SEP	591
APR	37 500	OCT	774
MAY	2 390	NOV	3 150
JUN	1 120	DEC	12 100

TOTAL DISCHARGE, 68 700 dam³

SOUTH INDIAN CREEK NEAR LIMOGES - STATION NO. 02LB019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.168B	0.184B	0.144B	31.8 B	0.542	0.135	0.118	0.132	0.086	0.260	0.140	1.10 E	1
2	0.166B	0.181B	0.144B	25.2 B	0.500	0.163	0.133	0.140	0.256	0.322	0.122	1.80 E	2
3	0.175B	0.178B	0.143B	17.5 B	0.437	0.101	0.148	0.097	0.212	0.312	0.171	3.70 E	3
4	0.350B	0.175B	0.142B	13.4 B	0.386	0.071	0.130	0.079	0.171	0.222	1.70	5.70 E	4
5	0.618B	0.173B	0.141B	7.11 B	0.419	0.077	0.125	0.075	0.112	0.184	3.86	4.55 E	5
6	0.645B	0.171B	0.140B	3.97 B	0.326	0.143	0.103	0.073	0.182	0.196	1.85	3.40 E	6
7	0.575B	0.168B	0.140B	3.00 B	0.322	0.157	0.100	0.062	0.252	0.148	1.03	2.50 E	7
8	0.508B	0.166B	0.139B	2.80 B	0.319	0.113	0.095	0.081	0.193	0.236	0.766	1.80 E	8
9	0.495B	0.164B	0.139B	2.25 B	0.972	0.084	0.079	0.085	0.154	0.269	0.673	1.15 E	9
10	0.455B	0.162B	0.139B	3.50 B	0.834	0.078	0.078	0.059	0.107	0.266	0.467	0.830E	10
11	0.425B	0.160B	0.205B	4.92	0.542	0.072	0.117	0.082	0.087	0.213	0.437	0.560E	11
12	0.395B	0.159B	0.365B	5.02	0.400	0.060	0.947	0.058	0.072	0.226	0.688	0.390E	12
13	0.370B	0.158B	0.560B	7.61	0.331	0.055	0.314	0.069	0.083	0.238	1.04	0.260E	13
14	0.350B	0.157B	0.955B	9.92	0.235	0.060	0.181	0.065	0.086	0.254	0.793	0.254E	14
15	0.335B	0.156B	0.890B	7.49	0.185	0.065	0.121	0.055	0.093	0.393	0.643	0.250E	15
16	0.315B	0.155B	0.820B	6.39	0.154	0.163	0.101	0.051	0.123	0.373	0.524	1.10 E	16
17	0.300B	0.155B	0.740B	6.18	0.144	0.107	0.073	0.055	0.111	0.269	0.496	4.60 E	17
18	0.285B	0.154B	0.674B	5.36	0.128	0.081	0.079	0.056	0.176	0.207	0.548	2.60 E	18
19	0.275B	0.153B	0.760B	3.34	0.121	0.092	0.126	0.047	0.163	0.192	0.548	1.80 E	19
20	0.265B	0.152B	1.00 B	3.07	0.137	0.133	0.108	0.036	0.131	0.182	0.607	0.000E	20
21	0.255B	0.151B	1.16 B	7.30	0.100	0.255	0.092	0.024	0.110	0.168	0.499	0.400E	21
22	0.245B	0.150B	1.22 B	3.54	0.069	0.229	0.063	0.018	0.112	0.186	0.761	0.310E	22
23	0.235B	0.149B	1.29 B	2.20	0.059	0.367	0.062	0.085	0.133	0.216	0.737	0.275B	23
24	0.227B	0.149B	1.22 B	1.73	0.129	0.305	0.057	0.200	0.187	0.193	1.11	0.280B	24
25	0.220B	0.148B	1.68 B	1.39	0.137	0.289	0.065	1.24	0.195	0.138	1.06 A	0.590B	25
26	0.214B	0.147B	2.93 B	1.17	0.102	0.368	0.066	1.19	0.186	0.150	0.940E	7.90 B	26
27	0.208B	0.146B	3.30 B	1.15	0.082	0.259	0.054	0.363	0.259	0.148	0.740E	4.80 B	27
28	0.203B	0.145B	3.08 B	0.897	0.074	0.186	0.070	0.206	0.320	0.142	0.580E	3.00 B	28
29	0.198B		2.57 B	0.740	0.084	0.163	0.097	0.114	0.269	0.139	0.440E	5.90 B	29
30	0.192B		2.95 B	0.636	0.055	0.159	0.066	0.091	0.224	0.154	0.520E	3.00 B	30
31	0.187B		8.90 B		0.124		0.137	0.079		0.152		1.70 B	31
TOTAL	9.854	4.466	38.680	190.583	8.489	4.590	4.105	5.027	4.843	6.748	24.486	67.099	TOTAL
MEAN	0.318	0.160	1.25	6.35	0.274	0.153	0.132	0.162	0.161	0.218	0.816	2.16	MEAN
MAX	0.645	0.184	8.90	31.8	0.972	0.368	0.947	1.24	0.320	0.393	3.86	7.90	MAX
MIN	0.166	0.145	0.139	0.636	0.059	0.055	0.054	0.018	0.072	0.138	0.122	0.250	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.01
MAXIMUM DAILY, 31.8B ON APR 1
MINIMUM DAILY, 0.018 ON AUG 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 21 47 N
LONG 75 15 00 W
DRAINAGE AREA, 72.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	851	JUL	355
FEB	386	AUG	434
MAR 3	340	SEP	418
APR 16	500	OCT	583
MAY	733	NOV 2	120
JUN	397	DEC 5	800

TOTAL DISCHARGE, 31 900 dam³

SOUTH MAITLAND RIVER AT SUMMERHILL - STATION NO. 02FE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.58B	1.07 B	0.952B	113	2.12	1.53	1.12	0.326	0.360	1.33	0.923	32.0	1
2	1.67B	1.06 B	0.946B	94.1	1.99	1.63	0.901	0.423	0.407	0.991	6.57	24.7	2
3	3.20	1.05 B	0.943B	87.9	1.82	1.33	0.784	0.423	0.387	0.786	10.3	18.6	3
4	5.85	1.04 B	0.938B	66.1	1.64	1.06	0.775	0.501	0.357	0.640	9.89	28.2	4
5	15.9	1.03 B	0.935B	50.6	1.56	1.01	0.718	0.427	0.328	0.558	6.22	30.1	5
6	18.4	1.02 B	0.932B	40.4	1.48	1.26	0.650	0.412	0.289	0.468	4.08	38.3	6
7	15.2	1.01 B	0.929B	33.3	1.52	1.45	0.554	0.339	0.267	0.439	3.10	31.8	7
8	10.2	1.00 B	0.925B	24.0	1.61	1.41	0.472	0.371	0.241	0.427	2.74	24.0	8
9	6.00B	0.992B	0.922B	20.8	1.42	1.21	0.423	0.385	0.216	0.416	2.57	16.4	9
10	5.21B	0.986B	0.964B	20.7	1.24	1.03	0.390	0.320	0.197	0.390	2.24	10.4	10
11	4.44B	0.981B	1.84 B	17.9	1.16	0.906	0.387	0.290	0.177	0.390	2.29	7.20	11
12	3.75B	0.977B	3.65 B	16.0	1.10	0.805	0.389	0.270	0.167	0.397	8.45	5.03B	12
13	3.27B	0.974B	7.48 B	23.7	1.02	0.694	0.359	0.235	0.153	0.394	18.1	4.98B	13
14	2.86B	0.970B	19.8 B	25.7	0.963	0.630	0.339	0.223	0.146	0.385	15.1	4.03B	14
15	2.59B	0.968B	27.6 B	23.6	0.959	0.956	0.312	0.171	0.142	0.393	10.4	3.99B	15
16	2.38B	1.01 B	30.7 B	20.7	0.895	4.33	0.284	0.167	0.144	0.433	6.27	14.2	16
17	2.19B	1.04 B	32.8 B	22.3	0.877	2.93	0.360	0.154	0.151	0.483	4.53	18.5 B	17
18	2.04B	1.02 B	35.3 B	18.8	0.835	1.83	0.778	0.139	0.374	0.530	4.11	13.6 B	18
19	1.92B	1.01 B	37.0 B	13.6	0.789	6.23	0.577	0.143	0.411	0.532	4.27	9.32	19
20	1.80B	1.00 B	38.6 B	10.5	0.875	15.6	0.493	0.229	0.388	0.522	5.38	6.77	20
21	1.66B	0.997B	40.5 B	11.3	0.904	15.4	0.393	0.226	0.374	0.556	20.1	5.43	21
22	1.57B	0.993B	36.4 B	9.56	0.790	14.7	0.338	0.211	0.344	0.598	26.1	4.44	22
23	1.65B	0.989B	32.7 B	6.91	0.802	11.4	0.306	0.237	0.375	0.603	25.5	4.32	23
24	1.69B	0.982B	37.9 B	5.24	0.871	6.88	0.270	0.237	0.398	0.535	32.3	25.9	24
25	1.44B	0.975B	42.4 B	4.34	0.807	3.80	0.249	1.45	0.405	0.495	26.5	72.4	25
26	1.23B	0.966B	38.5 B	3.74	0.742	2.87	0.231	1.93	0.482	0.458	20.1	59.6	26
27	1.17B	0.960B	32.4 B	3.28	0.697	2.26	0.235	1.68	0.946	0.447	13.1	46.3	27
28	1.13B	0.958B	26.3 B	2.77	1.34	1.85	0.298	0.898	2.35	0.422	8.24	36.3	28
29	1.11B		22.4 B	2.45	2.85	1.61	0.365	0.559	3.17	0.406	22.6	26.8	29
30	1.09B		29.3	2.26	2.23	1.36	0.413	0.451	1.97	0.407	34.1	16.8 B	30
31	1.08B		108		1.71		0.369	0.387		0.418		10.4 B	31
TOTAL	125.27	28.028	690.956	795.55	39.616	109.961	14.532	14.218	16.116	16.249	356.173	650.91	TOTAL
MEAN	4.04	1.00	22.3	26.5	1.28	3.67	0.469	0.459	0.537	0.524	11.9	21.0	MEAN
MAX	18.4	1.07	108	113	2.85	15.6	1.12	1.93	3.17	1.33	34.1	72.4	MAX
MIN	1.08	0.958	0.922	2.26	0.697	0.630	0.231	0.139	0.142	0.385	0.923	3.99	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.83
MAXIMUM DAILY, 113 ON APR 1
MINIMUM DAILY, 0.139 ON AUG 18
MAXIMUM INSTANTANEOUS,
152 AT 20:58 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 04 N
LONG 81 32 38 W
DRAINAGE AREA, 376 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 800	JUL	1 260
FEB	2 420	AUG	1 230
MAR	59 700	SEP	1 390
APR	68 700	OCT	1 480
MAY	3 420	NOV	30 800
JUN	9 500	DEC	56 200

TOTAL DISCHARGE, 247 000 dam³

SOUTH NATION RIVER AT CASSELMAN - STATION NO. 02LB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.79	3.27	2.20B	846	15.4	3.82E	3.07	2.10	2.69	2.98E	2.73	59.2	1
2	7.23	2.67	2.19B	575	13.0	3.28E	2.72	2.11	3.27	3.09	2.81	75.8	2
3	5.92	2.65B	2.18B	453	10.8	2.75A	2.18	2.82	2.99	3.68	3.23	82.2	3
4	6.53	2.60B	2.17B	410	8.30	3.23	2.09	4.05	2.43	3.78	15.5	112	4
5	11.8	2.73B	2.16B	262	8.36	3.63	1.93	2.76	2.99	3.51	87.3	95.2	5
6	18.4	2.75B	2.15B	199	7.50	4.45	1.92	2.12	3.28	3.28	79.8	75.5	6
7	21.8	2.68B	2.14B	121	7.00	4.85	1.92	2.15	3.46	3.13	56.2	66.0	7
8	19.7	2.62B	2.13B	83.8	6.52	8.15	1.63	2.07	3.84	3.42	42.5	89.3	8
9	17.6	2.57B	2.12B	67.5	12.0	11.0	1.30	1.76	3.74	3.57	29.4	98.7	9
10	16.8 B	2.52B	2.30B	66.8	19.5	9.93	1.05	1.36	3.41	3.26	21.4	21.1	10
11	15.6 B	2.50B	3.05B	76.4	19.0	7.99	1.49	1.12	3.15	4.58	18.1	19.5	11
12	14.9 B	2.48B	3.57	78.6	17.5	6.21	3.03	1.03	3.00	5.06	14.4	15.7	12
13	14.1 B	2.46B	6.21	105	15.4	4.85	1.96	1.17	3.16	4.77	17.0	11.4	13
14	13.0 B	2.44B	10.1	141	11.7	3.80	1.89	1.48	2.61	4.17	17.5	9.54	14
15	11.9 B	2.42B	14.6	117	10.2	3.15	1.59	1.52	2.54	3.90	16.2	8.96	15
16	12.3 B	2.39	21.6	107	9.69	3.18	1.34	1.68	2.19	3.90E	18.0	36.7	16
17	9.80B	2.38B	28.6	113	9.85	2.63	1.18	1.05	2.18	4.13A	12.7	83.6	17
18	8.33B	2.44B	32.9	119	8.88	2.56	1.20	0.985	2.64	3.97	11.7	55.0	18
19	7.19B	2.50B	41.7	80.8	8.61	2.55	1.49	0.916	2.13E	4.18	11.3	36.6	19
20	6.18B	2.47B	55.6	68.7	7.57	2.56	1.39	0.384	2.22E	4.28	10.3	25.0	20
21	4.91B	2.43B	72.0	149	7.31	3.36	1.67	0.368	2.38A	3.33	10.0 E	17.6	21
22	4.66B	2.40B	71.6	96.3	6.88	5.98	1.71	0.405	2.48	3.00	10.4 A	12.4	22
23	4.66B	2.37B	74.6	63.4	6.93	8.11	1.58	0.645	2.97	3.09	11.5	10.5	23
24	4.28B	2.34B	79.2	48.5	6.21	8.26	1.60	0.777	2.89	2.76	16.3	10.1	24
25	4.20B	2.31B	91.8	39.9	6.58	7.48	1.47	6.90	2.75E	2.74	26.6	21.3	25
26	4.13B	2.28B	149	32.6	6.41	6.76	0.978	8.52	2.60E	2.71	25.3	160	26
27	3.54	2.25B	157	28.5	6.17	6.38	0.969	6.95	2.67E	3.21	20.9	110	27
28	3.13	2.22B	160	25.3	6.11	5.54	0.985	5.45	2.75E	3.28	16.0 E	82.9	28
29	2.87		162	21.6	5.54E	4.58	1.42	3.73	2.83E	3.27	16.7 E	120	29
30	2.95		177	18.2	4.78E	3.85	1.05	3.09	2.90E	2.96	26.2	88.5	30
31	2.83		355		4.05E		1.98	2.58		2.45		50.0	31
TOTAL	290.03	70.14	1 788.87	4 613.9	293.71	154.87	51.782	74.050	85.14	110.44	668.77	1 652.70	TOTAL
MEAN	9.36	2.51	57.7	154	9.47	5.16	1.67	2.39	2.84	3.56	22.2	53.3	MEAN
MAX	21.8	3.27	355	846	19.5	11.0	3.07	8.52	3.84	5.06	87.3	160	MAX
MIN	2.83	2.22	2.12	18.2	4.05	2.55	0.969	0.368	2.13	2.45	2.73	8.96	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.0
MAXIMUM DAILY, 846 ON APR 1
MINIMUM DAILY, 0.368 ON AUG 21
MAXIMUM INSTANTANEOUS,
921 AT 09:49 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 19 01 N
LONG 75 05 32 W
DRAINAGE AREA, 2 410 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	25 100	JUL	4 470
FEB	6 060	AUG	6 400
MAR	155 000	SEP	7 360
APR	399 000	OCT	9 540
MAY	25 400	NOV	57 400
JUN	13 400	DEC	143 000

TOTAL DISCHARGE, 852 000 dam³

SOUTH NATION RIVER AT CHESTERVILLE - STATION NO. 02LB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	242 B	6.82E	---	---	---	---	---	---	---	1
2	---	---	---	231	5.79E	---	---	---	---	---	---	---	2
3	---	---	---	215	2.95E	---	---	---	---	---	---	---	3
4	---	---	---	205 E	---	---	---	---	---	---	---	---	4
5	---	---	---	156	---	---	---	---	---	---	---	---	5
6	---	---	---	123 E	---	---	---	---	---	---	---	---	6
7	---	---	---	64.6	---	---	---	---	---	---	---	---	7
8	---	---	---	38.8	---	---	---	---	---	---	---	---	8
9	---	---	---	34.8	---	---	---	---	---	---	---	---	9
10	---	---	1.94B	28.6 E	---	---	---	---	---	---	---	---	10
11	---	---	1.94B	28.1 E	---	---	---	---	---	---	---	---	11
12	---	---	1.95B	29.0	---	---	---	---	---	---	---	---	12
13	---	---	2.72B	34.4	---	---	---	---	---	---	---	---	13
14	---	---	4.20B	43.6	---	---	---	---	---	---	---	---	14
15	---	---	6.60B	42.2	---	---	---	---	---	---	---	---	15
16	---	---	10.2 B	40.0	---	---	---	---	---	---	---	---	16
17	---	---	12.8 B	39.0	---	---	---	---	---	---	---	---	17
18	---	---	16.3 B	44.1 E	---	---	---	---	---	---	---	---	18
19	---	---	22.3 B	35.4	---	---	---	---	---	---	---	---	19
20	---	---	28.0 B	29.6 E	---	---	---	---	---	---	---	---	20
21	---	---	39.5 B	46.3 E	---	---	---	---	---	---	---	---	21
22	---	---	40.2 B	36.2	---	---	---	---	---	---	---	---	22
23	---	---	41.4 B	25.8	---	---	---	---	---	---	---	---	23
24	---	---	43.7 B	25.1	---	---	---	---	---	---	---	---	24
25	---	---	52.0 B	20.6	---	---	---	---	---	---	---	---	25
26	---	---	73.5 B	12.7	---	---	---	---	---	---	---	---	26
27	---	---	105 B	11.3	---	---	---	---	---	---	---	---	27
28	---	---	107 B	9.88	---	---	---	---	---	---	---	---	28
29	---		109 B	8.70	---	---	---	---	---	---	---	---	29
30	---		112 B	7.71	---	---	---	---	---	---	---	---	30
31	---		159 B		---		---	---		---	---	---	31
TOTAL	---	---	---	1 908.49	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	63.6	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	242	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	7.71	---	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 242B ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 06 08 N
LONG 75 13 47 W
DRAINAGE AREA, 1 050 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	165 000	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

SOUTH NATION RIVER AT LEMIEUX - STATION NO. 02LB015

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	7.518	0.692	0.301	---	---	---	---	---	---	1
2	---	---	---	6.871	0.626	0.363	---	---	---	---	---	---	2
3	---	---	---	6.463	0.577	---	---	---	---	---	---	---	3
4	---	---	---	6.235	0.502	---	---	---	---	---	---	---	4
5	---	---	---	5.725	0.512	---	---	---	---	---	---	---	5
6	---	---	---	5.264	0.496	---	---	---	---	---	---	---	6
7	---	---	---	---	0.429	---	---	---	---	---	---	---	7
8	---	---	---	---	0.495	---	---	---	---	---	---	---	8
9	---	---	---	---	0.792	---	---	---	---	---	---	---	9
10	---	---	---	1.671	0.684	---	---	---	---	---	---	---	10
11	---	---	---	1.842	0.664	---	---	---	---	---	---	---	11
12	---	---	---	2.045	0.625	---	---	---	---	---	---	---	12
13	---	---	---	2.458	0.526	---	---	---	---	---	---	---	13
14	---	---	---	3.285	0.509	---	---	---	---	---	---	---	14
15	---	---	---	2.983	0.465	---	---	---	---	---	---	---	15
16	---	---	---	2.790	0.455	---	---	---	---	---	---	---	16
17	---	---	---	---	0.449	0.293	---	---	---	---	---	---	17
18	---	---	---	---	0.425	---	---	---	---	---	---	---	18
19	---	---	---	2.199	0.398	---	---	---	---	---	---	---	19
20	---	---	---	1.581	0.369	---	---	---	---	---	---	---	20
21	---	---	---	2.476	0.339	---	---	---	---	---	---	---	21
22	---	---	---	2.452	0.322	---	---	---	---	---	---	---	22
23	---	---	---	1.750	0.289	---	---	---	---	---	---	---	23
24	---	---	---	1.167	0.280	---	---	---	---	---	---	---	24
25	---	---	---	1.054	0.273	---	---	---	---	---	---	---	25
26	---	---	---	0.922	0.385	---	---	---	---	---	---	---	26
27	---	---	3.742	0.877	0.358	---	---	---	---	---	---	---	27
28	---	---	3.685	0.812	0.347	---	---	---	---	---	---	---	28
29	---		3.718	0.770	0.334	---	---	---	---	---	---	---	29
30	---		3.799	0.708	0.320	---	---	---	---	---	---	---	30
31	---		4.925		0.308		---	---		---		---	31
MEAN	---	---	---	---	0.460	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	0.792	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	0.273	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 23 42 N
LONG 75 03 56 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 43.897 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - STATION OPERATED DURING SPRING BREAK-UP ONLY

SOUTH NATION RIVER AT SPENCERVILLE - STATION NO. 02LB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.748	0.995B	0.784B	61.4 B	2.24	1.16	1.00	0.091	0.187	0.222	0.396	6.16	1
2	0.766	0.900B	0.783B	59.8 B	2.06	1.84	0.902	0.103	0.320	0.221	0.409	6.29	2
3	0.795	0.825B	0.782B	48.0 B	1.76	2.52	0.789	0.113	0.506	0.198	0.405	6.73	3
4	0.975	0.762B	0.781B	42.1	1.47	2.99	0.731	0.114	0.539	0.165	0.972	7.96	4
5	1.31	0.736B	0.780B	26.4 B	1.34	2.94	0.660	0.098	0.542	0.148	5.50	8.11	5
6	1.69	0.725B	0.778B	17.3 B	1.21	3.43	0.625	0.083	0.534	0.132	6.92	7.93	6
7	2.16	0.722B	0.777B	14.3 B	1.13	6.93	0.626	0.072	0.536	0.139	5.63	7.45	7
8	2.45 B	0.720B	0.776B	10.4 B	1.16	7.85	0.629	0.063	0.538	0.238	4.41	6.19	8
9	2.90 B	0.719B	0.775B	8.75B	2.33	6.52	0.603	0.065	0.497	0.362	3.23	4.67	9
10	3.10 B	0.718B	0.774B	8.34	4.08	4.66	0.556	0.066	0.484	0.359	2.58	3.30	10
11	3.08 B	0.717B	0.773B	8.78	4.64	3.07	0.535	0.065	0.498	0.339	2.25	2.53	11
12	3.06 B	0.716B	0.810B	9.22	3.80	2.14	0.508	0.059	0.489	0.319	2.18	2.01	12
13	2.96 B	0.715B	0.960B	10.1	2.92	1.67	0.456	0.050	0.458	0.313	2.31	1.50	13
14	2.86 B	0.714B	1.54 B	11.5	2.31	1.37	0.310	0.046	0.312	0.362	2.31	1.17	14
15	2.72 B	0.713B	2.28 B	12.2	1.97	1.13	0.218	0.044	0.163	0.385	2.22	1.09	15
16	2.57 B	0.712B	3.36 B	11.8	1.72	1.13	0.182	0.036	0.169	0.387	2.11	2.90B	16
17	2.44 B	0.711B	4.90 B	11.8	1.44	1.04	0.163	0.031	0.176	0.388	1.92	5.89B	17
18	2.33 B	0.710B	7.05 B	12.4	1.28	0.946	0.153	0.028	0.157	0.367	1.85	5.35B	18
19	2.20 B	0.721B	9.29 B	11.1	1.15	0.879	0.182	0.024	0.183	0.352	1.70	3.68	19
20	2.02 B	0.731B	11.1 B	9.33	1.14	0.862	0.229	0.027	0.196	0.354	1.63	2.51	20
21	1.90 B	0.760B	12.3 B	9.31	1.38	1.21	0.199	0.027	0.190	0.334	1.57	1.85	21
22	1.76 B	0.798B	13.1 B	8.57	1.55	1.92	0.162	0.027	0.160	0.316	1.58	1.53	22
23	1.64 B	0.796B	14.2 B	7.37	1.48	2.00	0.145	0.030	0.147	0.321	1.67	1.37	23
24	1.53 B	0.794B	15.0 B	6.12	1.30	2.02	0.128	0.025	0.144	0.327	2.20	1.33	24
25	1.42 B	0.792B	16.0 B	4.98	1.44	1.90	0.100	0.089	0.140	0.324	3.04	2.14	25
26	1.32 B	0.790B	21.8 B	4.09	1.63	1.77	0.078	0.453	0.132	0.318	3.15	8.92B	26
27	1.24 B	0.788B	20.9 B	3.53	1.48	1.62	0.065	0.577	0.134	0.307	2.97	10.4 B	27
28	1.15 B	0.786B	20.0 B	3.18	1.33	1.47	0.063	0.522	0.172	0.297	2.47	9.91B	28
29	1.05 B		19.6 B	2.91	1.27	1.26	0.065	0.466	0.222	0.323	2.51	10.4 B	29
30	0.998B		19.4 B	2.57	1.18	1.13	0.073	0.410	0.235	0.361	4.30	9.43B	30
31	0.990B		25.6 B		1.10		0.083	0.271		0.379		8.52B	31
TOTAL	58.132	21.286	247.753	457.65	56.21	71.377	11.218	4.175	9.160	9.357	76.392	159.22	TOTAL
MEAN	1.88	0.760	7.99	15.3	1.81	2.38	0.362	0.135	0.305	0.302	2.55	5.14	MEAN
MAX	3.10	0.995	25.6	61.4	4.64	7.85	1.00	0.577	0.542	0.388	6.92	10.4	MAX
MIN	0.748	0.710	0.773	2.57	1.10	0.862	0.063	0.024	0.132	0.132	0.396	1.09	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.28
MAXIMUM DAILY, 61.4B ON APR 1
MINIMUM DAILY, 0.024 ON AUG 19

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 32 N
LONG 75 32 38 W
DRAINAGE AREA, 246 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 020	JUL	969
FEB	1 840	AUG	361
MAR	21 400	SEP	791
APR	39 500	OCT	808
MAY	4 860	NOV	6 600
JUN	6 170	DEC	13 800

TOTAL DISCHARGE, 102 000 dam³

SOUTH NATION RIVER NEAR PLANTAGENET SPRINGS - STATION NO. 02LB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.3 B	6.65B	5.08B	562 B	25.3	8.26	6.48	2.85	4.55	7.25	3.41	61.9	1
2	13.5 B	6.48B	5.06B	754 B	22.6	8.09	5.47	3.14	7.49	10.4	3.37	117	2
3	15.0 B	6.30B	5.05B	875	20.2	7.43	5.06	3.17	8.96	10.7	3.61	135	3
4	17.0 B	6.15B	5.05B	786	18.2	7.25	4.01	3.80	7.72	9.20	16.9	186	4
5	19.0 B	6.00B	5.03B	668	17.2	7.25	3.62	4.32	6.90	7.67	102	183	5
6	21.0 B	6.60B	5.02B	551	16.3	7.64	3.07	3.27	6.53	6.35	139	136	6
7	26.8 B	6.35B	5.01B	393	15.6	8.78	2.65	2.78	8.95	4.89	92.0	115	7
8	28.0 B	6.10B	5.00B	229	14.6	10.1	2.09	3.39	8.87	4.92	61.9	85.3	8
9	26.5 B	5.95B	5.25B	163	22.8	13.4	1.63	2.78	7.59	4.97	41.3	56.5	9
10	23.5 B	5.78B	5.50B	142	37.9	14.0	1.48	2.20	6.37	5.59	31.3	34.7	10
11	21.0 B	5.55B	6.05B	160	32.9	11.9	2.33	1.91	5.18	6.27	26.5	29.8	11
12	18.2 B	5.40B	6.77B	162	27.7	9.98	5.98	1.67	4.23	6.02	25.3	26.3	12
13	17.4 B	5.30B	7.15B	193	24.6	7.34	6.41	1.68	3.87	6.23	28.8	21.3	13
14	15.9 B	5.25B	10.5 B	273	21.7	5.47	4.50	1.64	3.08	6.62	31.0	17.7	14
15	14.5 B	5.20B	17.0 B	249	18.6	5.42	3.73	1.10	2.75	7.75	26.9	16.0	15
16	13.3 B	5.15B	25.5 B	221	16.1	6.75	3.33	1.10	2.87	8.68	23.4	25.0	16
17	12.2 B	5.10B	43.0 B	221	12.9	6.55	2.89	1.00	2.80	8.71	21.6	108	17
18	11.2 B	5.45B	51.0 B	237	11.6	5.57	2.83	1.08	3.03	8.10	20.2	102	18
19	10.3 B	5.90B	60.0 B	174	11.1	5.14	2.82	1.17	3.49	6.91	18.6	64.1	19
20	9.60B	5.55B	75.0 B	120	10.9	5.49	2.65	1.04	3.28	6.63	18.3	37.7	20
21	9.10B	5.45B	100 B	203	10.2	6.35	2.47	1.08	3.10	5.51	18.6	27.9	21
22	8.70B	5.35B	118 B	201	9.29	9.64	2.27	0.961	2.88	4.57	25.2	21.2	22
23	8.45B	5.30B	123 B	128	8.60	12.9	1.74	0.971	2.51	4.24	26.9	18.3	23
24	8.20B	5.25B	125 B	88.2	9.06	14.6	1.75	0.982	3.11	4.10	31.8	16.6	24
25	8.00B	5.20B	138 B	70.4	10.2	13.5	1.67	6.03	3.21	3.75	41.8	18.8	25
26	7.80B	5.16B	186	54.3	10.4	12.5	1.56	25.4	3.24	3.37	38.2	144	26
27	7.60B	5.13B	245	44.6	9.71	12.0	1.64	17.8	3.66	3.37	30.3	228	27
28	7.40B	5.10B	242	39.3	9.07	9.93	1.65	12.8	5.01	3.48	23.8	152	28
29	7.25B		234	33.5	9.40	8.12	1.49	9.38	5.93	3.55	24.1	172	29
30	7.05B		232	29.1	8.64	7.04	1.53	6.79	6.76	3.71	29.2	166	30
31	6.90B		302		8.16		1.88	5.25		3.53		107	31
TOTAL	434.65	158.15	2 398.02	8 014.4	501.53	268.39	92.68	132.534	147.92	187.04	1 025.29	2 630.0	TOTAL
MEAN	14.0	5.65	77.4	267	16.2	8.95	2.99	4.28	4.93	6.03	34.2	84.8	MEAN
MAX	28.0	6.65	302	875	37.9	14.6	6.48	25.4	8.96	10.7	139	228	MAX
MIN	6.90	5.10	5.00	29.1	8.16	5.14	1.48	0.961	2.51	3.37	3.37	16.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.8
MAXIMUM DAILY, 875 ON APR 3
MINIMUM DAILY, 0.961 ON AUG 22
MAXIMUM INSTANTANEOUS,
960 AT 20:30 EST ON APR 2

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 30 23 N
LONG 74 57 20 W
DRAINAGE AREA, 3 810 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	37 600	JUL	8 010
FEB	13 700	AUG	11 500
MAR	207 000	SEP	12 800
APR	692 000	OCT	16 200
MAY	43 300	NOV	88 600
JUN	23 200	DEC	227 000

TOTAL DISCHARGE, 1 380 000 dam³

SOUTH PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.660B	0.100B	0.112B	3.93	0.083	0.199	0.059	0	0.016	0.057	0.151	0.876	1
2	0.780B	0.099B	0.110B	1.15	0.073	0.173	0.039	0.001	0.013	0.041	4.17	0.601	2
3	1.07	0.097B	0.108B	2.93	0.067	0.113	0.035	0.036	0.064	0.031	3.00	0.532	3
4	10.7	0.096B	0.106B	0.824	0.065	0.093	0.046	0.015	0.044	0.024	0.892	9.75	4
5	12.6	0.095B	0.104B	0.431	0.061	0.173	0.063	0.008	0.021	0.019	0.466	3.62	5
6	3.45	0.094B	0.104B	0.266	0.059	1.44	0.040	0.004	0.011	0.017	0.296	6.00	6
7	1.09 B	0.093B	0.103B	0.298	0.060	0.381	0.025	0.002	0.009	0.012	0.231	1.01	7
8	0.769B	0.092B	0.102B	0.511	0.082	0.246	0.016	0.015	0.007	0.012	0.190	0.578	8
9	0.480B	0.091B	0.101B	1.55	0.063	0.171	0.012	0.030	0.003	0.015	0.161	0.469	9
10	0.390B	0.090B	0.100B	1.28	0.051	0.133	0.009	0.012	0.002	0.012	0.145	0.443	10
11	0.320B	0.088B	0.100B	0.910	0.050	0.092	0.008	0.005	0.001	0.018	1.23	0.402	11
12	0.280B	0.086B	0.260B	1.06	0.044	0.070	0.008	0.002	0	0.040	9.78	0.312	12
13	0.250B	0.084B	9.60 B	1.08	0.039	0.062	0.006	0.001	0	0.032	3.45	0.249	13
14	0.220B	0.082B	22.5 B	0.597	0.036	0.042	0.002	0	0	0.025	0.821	0.222	14
15	0.200B	0.080B	13.0 B	0.408	0.034	0.043	0.001	0	0	0.022	0.481	0.849	15
16	0.175B	0.095B	14.0 B	0.342	0.035	0.062	0	0	0	0.370	0.336	14.9	16
17	0.145B	0.100B	12.4 B	0.557	0.032	0.055	0.002	0	0	8.12	0.265	2.24	17
18	0.125B	0.105B	11.0 B	0.348	0.025	0.051	0.001	0	0.006	2.10	0.232	0.600	18
19	0.103B	0.110B	9.78	0.256	0.022	0.282	0.001	0	0.008	0.635	0.210	0.484	19
20	0.093B	0.118B	8.75	0.270	0.059	0.287	0.001	0	0.006	0.352	0.373	1.10	20
21	0.090B	0.120B	10.9	0.249	0.035	0.262	0.001	0	0.002	0.352	4.32	1.06	21
22	0.092B	0.123B	9.80	0.184	0.030	0.284	0	0	0.003	0.224	1.62	0.690	22
23	0.095B	0.126B	10.5	0.160	0.057	0.170	0	0	0.010	0.182	1.64	3.79	23
24	0.108B	0.122B	7.19	0.143	0.045	0.113	0	0	0.023	0.151	9.06	14.8	24
25	0.106B	0.120B	4.41	0.128	0.035	0.097	0	0.773	0.020	0.134	1.13	14.5	25
26	0.105B	0.118B	2.01	0.123	0.030	0.105	0	0.322	0.019	0.115	0.562	5.16	26
27	0.104B	0.116B	0.919	0.114	0.025	0.097	0	0.104	0.130	0.101	0.409	1.11	27
28	0.103B	0.114B	0.700	0.094	2.22	0.079	0	0.056	0.485	0.094	0.463	1.60	28
29	0.102B		1.77	0.089	4.49	0.109	0	0.031	0.167	0.087	7.58	0.836	29
30	0.101B		5.40	0.084	0.583	0.095	0	0.023	0.089	0.079	2.02	0.428	30
31	0.100B		18.1		0.252		0	0.021		0.073		0.291	31
TOTAL	35.006	2.854	174.139	20.366	8.842	5.579	0.375	1.461	1.159	13.546	55.684	89.502	TOTAL
MEAN	1.13	0.102	5.62	0.679	0.285	0.186	0.012	0.047	0.039	0.437	1.86	2.89	MEAN
MAX	12.6	0.126	22.5	3.93	4.49	1.44	0.063	0.773	0.485	8.12	9.78	14.9	MAX
MIN	0.090	0.080	0.100	0.084	0.022	0.042	0	0	0	0.012	0.145	0.222	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.12
MAXIMUM DAILY, 22.5B ON MAR 14
MINIMUM DAILY, 0 ON JUL 16
MAXIMUM INSTANTANEOUS,
41.9 AT 02:04 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 09 39 N
LONG 81 43 56 W
DRAINAGE AREA, 41.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 020	JUL	32.4
FEB	247	AUG	126
MAR	15 000	SEP	100
APR	1 760	OCT	1 170
MAY	764	NOV	4 810
JUN	482	DEC	7 730

TOTAL DISCHARGE, 35 200 dam³

SOUTH RAISIN RIVER DIVERSION AT LONG SAULT - STATION NO. 02MC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.137	0.303	0.005	0.005	---	---	1
2	---	---	---	---	---	0.006	0.136	0.271	0.004	0.005	---	---	2
3	---	---	---	---	---	0.005	0.123	0.257	0.005	0.005	---	---	3
4	---	---	---	---	---	0.005	0.122	0.257	0.005	0.005	---	---	4
5	---	---	---	---	---	0.005	0.120	0.254	0.005	0.005	---	---	5
6	---	---	---	---	---	0.004	0.221E	0.261	0.005	0.005	---	---	6
7	---	---	---	---	---	0.004	0.413	0.267	0.005	0.006	---	---	7
8	---	---	---	---	---	0.003	0.433	0.263	0.006	0.006	---	---	8
9	---	---	---	---	---	0.003	0.435	0.268	0.005	0.005	---	---	9
10	---	---	---	---	---	0.003	0.411	0.293	0.005	0.005	---	---	10
11	---	---	---	---	---	0.275	0.379	0.311	0.004	0.005	---	---	11
12	---	---	---	---	---	0.431	0.422	0.285	0.005	0.005	---	---	12
13	---	---	---	---	---	0.412	0.406	0.267	0.006	---	---	---	13
14	---	---	---	---	---	0.415	0.355	0.290	0.006	---	---	---	14
15	---	---	---	---	---	0.407	0.329	0.301	0.006	---	---	---	15
16	---	---	---	---	---	0.389	0.320	0.298	0.006	---	---	---	16
17	---	---	---	---	---	0.332	0.302	0.280	0.006	---	---	---	17
18	---	---	---	---	---	0.328	0.313	0.263	0.006	---	---	---	18
19	---	---	---	---	---	0.151	0.316	0.335	0.006	---	---	---	19
20	---	---	---	---	---	0.147	0.277	0.403	0.005	---	---	---	20
21	---	---	---	---	---	0.127	0.265	0.351	0.005	---	---	---	21
22	---	---	---	---	---	0.124	0.270	0.364	0.005	---	---	---	22
23	---	---	---	---	---	0.126	0.263	0.395	0.006	---	---	---	23
24	---	---	---	---	---	0.129	0.265	0.378	0.006	---	---	---	24
25	---	---	---	---	---	0.131	0.295	0.177	0.006	---	---	---	25
26	---	---	---	---	---	0.121	0.298	0.007	0.006	---	---	---	26
27	---	---	---	---	---	0.116	0.278	0.006	0.006	---	---	---	27
28	---	---	---	---	---	0.116	0.267	0.006	0.005	---	---	---	28
29	---		---	---	---	0.109	0.283	0.006	0.005	---	---	---	29
30	---		---	---	---	0.119	0.280	0.006	0.006	---	---	---	30
31	---		---		---		0.284	0.006		---	---	---	31
TOTAL	---	---	---	---	---	---	9.018	7.429	0.162	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	0.291	0.240	0.005	---	---	---	MEAN
MAX	---	---	---	---	---	---	0.435	0.403	0.006	---	---	---	MAX
MIN	---	---	---	---	---	---	0.120	0.006	0.004	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.435 ON JUL 9

MAXIMUM INSTANTANEOUS,
1.12E AT 14:26 EST ON JUL 6

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 01 46 N
LONG 74 53 20 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	779
FEB	---	AUG	642
MAR	---	SEP	14.0
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

SOUTH RIVER AT SOUTH RIVER - STATION NO. 02DD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.15D	3.85B	3.68B	5.76	19.3	1.65	0.589	1.25	1.12	2.55	3.45	5.39	1
2	4.15B	3.83B	3.65B	6.30B	17.2	1.77	0.820	1.45	2.90	2.67	3.48	6.64	2
3	4.25	3.81B	3.61B	6.70	15.5	1.86	1.07	1.33	4.93	3.66	4.94	8.10	3
4	4.37	4.95B	3.57B	7.10B	13.9	1.82	1.26	1.27	5.21	2.59	5.88	9.44	4
5	4.54	6.85	3.54B	6.70B	11.8	1.73	1.40	1.21	4.63	2.48	5.77	10.4	5
6	4.47	6.03	3.52B	6.30B	8.95	1.64	1.51	1.17	4.37	2.39	5.93	13.0	6
7	4.40	5.67	3.51B	5.95B	9.08	1.46	1.69	1.11	3.89	2.71	6.04	15.0	7
8	4.29B	5.32	3.48B	5.65B	9.22	1.39	1.89	1.10	3.41	3.38	6.23	17.4	8
9	4.28B	4.95	3.47B	5.40	8.99	1.36	1.80	1.02	2.95	3.77	6.47	18.0 E	9
10	4.25B	4.70	3.41B	5.08	7.74	1.40	1.80	0.966	2.61	3.95	6.46	15.5 E	10
11	4.23B	4.45	3.39	4.96	5.66	1.37	1.98	0.908	2.33	3.95	6.46	14.0 E	11
12	4.20B	4.30B	3.34	4.89	5.82	1.38	2.26	0.890	2.05	4.07	7.60	12.0 E	12
13	4.19B	4.07B	4.21	5.64	5.91	1.32	2.40	0.885	1.20	4.23	9.75	10.5 E	13
14	4.18B	3.95B	4.81	6.88	5.86	1.27	2.46	0.860	0.808	4.39	11.1	9.02A	14
15	4.16B	3.83B	4.94	8.21	5.65	1.32	2.37	0.828	1.14	4.95	11.6	8.99	15
16	4.14B	3.75B	7.47	10.1	5.43	1.51	2.25	0.792	1.63	5.30	11.3	8.30B	16
17	4.11B	3.73B	9.56	15.0	5.27	1.57	2.12	0.747	2.04	5.69	10.4	7.90B	17
18	4.08B	3.73	6.67	25.5	5.10	1.54	1.92	0.730	2.59	5.75	10.8	7.50B	18
19	4.06B	3.82B	5.39	33.8	4.97	2.32	1.73	0.754	2.89	5.61	12.5	7.15	19
20	4.04B	3.90B	4.80B	33.0	2.26	3.34	1.56	0.753	3.88	5.59	10.4	7.01	20
21	4.02B	3.95B	4.70B	28.4	0.409	3.59	1.39	0.739	4.64	6.02	9.20	6.78	21
22	4.02B	3.92B	4.52B	24.8	0.523	5.18	1.27	0.831	4.00	6.29	8.47	6.77	22
23	4.01B	3.91B	4.40B	21.1	0.634	7.37	1.18	1.28	3.41	6.16	8.12	6.67	23
24	4.00B	3.88	4.27B	18.1	0.831	5.96	1.12	1.27	3.00	5.91	8.27	7.02	24
25	3.98B	3.79	4.17B	21.1	0.725	5.20	1.14	1.20	2.72	5.53	8.12	8.77	25
26	3.95B	3.75B	4.08B	25.2	0.473	4.75	1.16	1.15	2.44	5.15	7.60B	12.9	26
27	3.94B	3.73B	4.02B	27.9	0.723	4.29	1.17	1.11	2.34	4.82	7.26	16.7	27
28	3.92B	3.71B	3.98B	27.7	0.944	3.89	1.18	1.05	2.54	4.50	6.69	18.3	28
29	3.89B		3.92	25.2	1.12	3.55	1.18	1.01	2.53	4.17	6.80	19.1 A	29
30	3.89B		3.81	22.2	1.29	2.09	1.17	0.973	2.45	3.85	6.25	18.7 E	30
31	3.87B		4.52		1.41		1.21	0.931		3.60		17.4 E	31
TOTAL	128.03	120.13	136.41	450.62	182.692	78.89	48.049	31.567	86.648	134.68	233.34	350.35	TOTAL
MEAN	4.13	4.29	4.40	15.0	5.89	2.63	1.55	1.02	2.89	4.34	7.78	11.3	MEAN
MAX	4.54	6.85	9.56	33.8	19.3	7.37	2.46	1.45	5.21	6.29	12.5	19.1	MAX
MIN	3.87	3.71	3.34	4.89	0.409	1.27	0.589	0.730	0.808	2.39	3.45	5.39	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.43
MAXIMUM DAILY, 33.8 ON APR 19
MINIMUM DAILY, 0.409 ON MAY 21
MAXIMUM INSTANTANEOUS,
35.2 AT 21:20 EST ON APR 19

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 50 54 N
LONG 79 22 46 W
DRAINAGE AREA, 316 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 100	JUL	4 150
FEB	10 480	AUG	2 730
MAR	11 800	SEP	7 490
APR	38 900	OCT	11 600
MAY	15 800	NOV	20 200
JUN	6 820	DEC	30 300

TOTAL DISCHARGE, 171 000 dam³

SOUTH RIVER NEAR NIPISSING - STATION NO. 02DD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.64	9.70B	10.2	34.7	36.1	6.02	7.16	4.23	5.81	5.67	9.78	18.3	1
2	9.70	9.70B	9.48	24.4	36.4	5.94	5.50	2.10	3.60	5.76	9.29	19.3	2
3	9.69	9.65B	10.3	25.7	31.0	5.93	2.76	2.27	6.81	5.77	9.68	18.6	3
4	9.65	9.10B	10.3	29.4	25.0	5.91	3.85	3.50	10.8	5.81	9.98	20.7	4
5	9.77	9.75B	10.1	27.1	23.9	5.87	3.85	2.06	12.0	5.71	10.4	21.9	5
6	9.81	9.80B	10.5	28.4	20.9	5.10	2.64	3.45	11.3	6.01	12.7	37.5	6
7	9.80B	9.80B	10.4	21.6	17.9	4.58	1.82	4.43	10.2	6.02	12.0	43.5	7
8	9.80B	9.10B	7.95	18.3	14.4	3.67	3.55	4.07	9.40	9.22	13.1	37.5	8
9	9.80B	9.80B	6.62	17.7	14.4	3.66	4.41	2.06	6.71	15.1	13.7	33.2	9
10	9.50B	9.00B	6.38	18.2	13.5	2.27	4.37	0.942	5.99	11.8	13.6	32.7	10
11	9.80B	7.30B	6.77	18.9	14.5	3.44	4.46	1.49	5.94	11.0	13.1	31.2	11
12	9.80B	5.70B	6.78	19.3	14.3	3.88	4.41	4.37	5.94	10.5	17.5	27.5	12
13	9.80B	4.90B	6.96	27.6	14.0	5.98	4.37	3.06	5.92	11.3	25.3	21.0	13
14	9.80B	4.85B	10.7	35.0	13.9	5.87	4.43	5.72	4.63	11.6	24.0	17.9	14
15	5.80B	6.43	12.1	36.5	13.4	3.63	4.44	5.74	5.71	13.1	23.4	17.8	15
16	5.00B	7.79	15.0	45.8	10.9	5.07	4.42	4.22	5.42	16.7	22.7	16.8	16
17	7.20B	11.7	17.0	76.5	9.79	5.93	4.45	1.39	5.79	17.7	21.9	15.5	17
18	7.60B	9.70B	18.1	121	6.59	5.07	4.45	0.847	5.75	17.7	20.8	16.6	18
19	3.30B	9.70B	17.5	103	9.51	4.05	4.39	0.841	6.11	16.4	19.1	16.7	19
20	6.80B	9.70B	17.1	76.6	9.15	7.09	4.37	1.80	9.06	15.3	20.0	12.9	20
21	9.00B	9.70B	14.8	74.8	9.23	8.62	4.95	0.867	9.32	17.1	20.0	11.8	21
22	9.80B	9.70B	14.3	67.3	7.67	8.65	4.41	1.95	9.32	17.1	19.2	11.9	22
23	9.80B	9.70B	11.9	55.4	5.97	10.3	4.59	4.10	8.76	16.6	18.7	13.0	23
24	9.70B	9.60	11.9	49.7	6.00	14.5	3.25	4.71	8.40	16.0	19.7	14.7	24
25	9.70B	10.2	16.2	51.8	6.02	11.8	2.44	5.70	6.79	12.6	19.3	27.5	25
26	9.70B	9.37	14.8	54.6	5.69	10.5	2.43	5.69	5.95	11.2	18.5	66.6	26
27	8.40B	10.3	11.5	56.9	6.05	9.67	1.79	5.69	5.91	11.1	17.5	61.2	27
28	9.80B	10.2	12.3	54.8	6.07	9.59	2.15	0.970	5.72	11.0	17.0	52.7	28
29	9.70B		12.6	51.7	6.00	9.58	4.44	0.882	5.85	11.0	16.7	56.4	29
30	9.70B		14.5	40.0	6.02	9.49	4.45	0.860	5.85	10.9	17.0	44.7	30
31	6.80B		20.4		5.08		4.60	1.81		10.9		38.2	31
TOTAL	274.16	251.94	375.44	1 358.7	419.34	201.66	123.64	91.819	214.76	363.67	505.63	875.8	TOTAL
MEAN	8.84	9.00	12.1	45.3	13.5	6.72	3.99	2.96	7.16	11.7	16.9	28.3	MEAN
MAX	9.81	11.7	20.4	121	36.4	14.5	7.16	5.74	12.0	17.7	25.3	66.6	MAX
MIN	3.30	4.85	6.38	17.7	5.08	2.27	1.79	0.841	3.60	5.67	9.29	11.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.9
MAXIMUM DAILY, 121 ON APR 18
MINIMUM DAILY, 0.841 ON AUG 19
MAXIMUM INSTANTANEOUS,
137 AT 14:42 EST ON APR 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 05 46 N
LONG 79 28 45 W
DRAINAGE AREA, 787 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 700	JUL	10 700
FEB	21 800	AUG	7 930
MAR	32 400	SEP	18 600
APR	117 000	OCT	31 400
MAY	36 200	NOV	43 700
JUN	17 400	DEC	75 700

TOTAL DISCHARGE, 437 000 dam³

SOUTH SAUGEEN RIVER NEAR HANOVER - STATION NO. 02FC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.47B	2.02B	1.77B	140	7.40	4.41	3.67	1.45	1.38 E	3.55E	2.28	39.7	1
2	3.61B	1.99B	1.76B	117	6.53	4.27	3.07	1.66	1.60 E	2.90E	5.26	30.3	2
3	4.32B	1.96B	1.79B	107	5.83	3.72	2.73	1.64	1.50 E	2.50E	9.68	24.0	3
4	5.14B	1.93B	1.89B	84.9	5.25	3.20	2.48	1.66	1.40 E	2.20E	14.5	28.5	4
5	5.93B	1.89B	1.96B	60.8	4.89	2.94	2.20	1.98	1.30 E	2.00E	15.1	32.2	5
6	7.18B	1.87B	1.93B	53.9	4.61	3.40	2.00	1.86	1.20 E	1.88A	13.5	45.9	6
7	5.66B	1.85B	1.90B	44.2	4.42	3.52	1.77	1.58	1.13 E	1.78	11.0	47.1	7
8	5.11B	1.82B	1.87B	36.8	4.32	3.28	1.58	1.49	1.03 E	1.62	10.1	32.5	8
9	4.72B	1.79B	1.93B	43.2	3.93	2.91	1.45	1.39	0.970E	1.69A	10.3	20.6	9
10	4.38B	1.77B	2.01B	40.5	3.56	2.75	1.36	1.23	0.940E	1.69E	9.80	13.6 B	10
11	4.08B	1.76B	2.64B	35.8	3.30	2.41	1.40	1.18 E	1.05 E	1.69E	9.14	11.0 B	11
12	3.82B	1.74B	4.50B	31.8	3.10	2.13	1.68	1.12 E	1.00 E	1.69A	10.3	9.00B	12
13	3.68B	1.73B	8.94B	45.5	2.95	1.92	1.65	1.07 E	0.930E	1.73	19.5	7.70B	13
14	3.48B	1.72B	14.3 B	54.9	2.77	1.83	1.44	1.02 E	0.920E	1.85	20.6	7.60B	14
15	3.30B	1.70B	17.4 B	60.4	2.60	2.21	1.38	0.990E	0.910E	1.98	18.0	8.49	15
16	3.17B	1.69B	18.8 B	65.9	2.62	4.22	1.27	0.960E	1.40 E	2.55	13.2	15.0	16
17	3.04B	1.68B	19.6 B	87.8	2.76	4.26	1.42	0.930E	1.32 E	2.89	10.3	19.0 B	17
18	2.95B	1.73B	20.7 B	94.9	2.74	3.86	2.01	0.900E	2.40 E	2.86	8.49	17.0 B	18
19	2.86B	1.84B	19.9 B	61.2	2.50	7.33	1.86	1.20 E	2.80 E	2.74	8.11	15.0 B	19
20	2.77B	1.94B	18.5 B	41.2	2.78	23.9	1.53	2.45 E	2.55 E	2.71	9.76	11.9	20
21	2.67B	1.92B	17.4 B	46.4	2.73	28.8	1.34	1.50 E	2.30 E	2.69	22.3	9.55	21
22	2.58B	1.91B	15.8 B	37.9	2.43	33.3	1.20	1.38 E	2.17 A	2.59	38.4	8.13	22
23	2.53B	1.89B	14.1 B	27.2	2.52	31.0	1.17	1.45 E	2.25	2.57	33.4	8.12	23
24	2.67B	1.85B	15.7 B	20.7	2.57	20.6	1.03	1.38 E	1.94 A	2.45	32.5	18.7	24
25	2.71B	1.83B	18.3 B	16.1	2.60	12.8	0.949	3.20 E	2.45 E	2.38	28.0	57.1	25
26	2.65B	1.82B	21.5 B	13.5	2.53	11.4	0.913	3.00 E	3.40 E	2.31	21.3	84.6	26
27	2.48B	1.80B	18.3 B	13.0	2.40	9.47	0.961	2.50 E	4.30 E	2.13	15.7	59.4	27
28	2.33B	1.78B	17.7 B	11.5	3.31	7.45	1.65	2.05 E	4.90 E	2.03	11.6	35.2	28
29	2.19B		16.9 B	9.95	4.47	6.04	1.56	1.34 E	4.40 E	1.93	17.6	29.6	29
30	2.12B		27.4	8.94	4.54	4.80	1.53	1.32 E	4.10 E	1.82	38.6	22.1	30
31	2.08B		92.1		4.56		1.47	1.30 E		1.79		16.0 B	31
TOTAL	109.68	51.22	439.29	1 512.89	113.52	254.13	51.723	48.180	59.940	69.11	488.32	784.59	TOTAL
MEAN	3.54	1.83	14.2	50.4	3.66	8.47	1.67	1.55	2.00	2.23	16.3	25.3	MEAN
MAX	7.18	2.02	92.1	140	7.40	33.3	3.67	3.20	4.90	3.55	38.6	84.6	MAX
MIN	2.08	1.68	1.76	8.94	2.40	1.83	0.913	0.900	0.910	1.62	2.28	7.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.9
MAXIMUM DAILY, 140 ON APR 1
MINIMUM DAILY, 0.900E ON AUG 18
MAXIMUM INSTANTANEOUS,
152 AT 06:02 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 05 55 N
LONG 80 59 09 W
DRAINAGE AREA, 635 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 480	JUL	4 470
FEB	4 430	AUG	4 160
MAR	38 000	SEP	5 180
APR	131 000	OCT	5 970
MAY	9 810	NOV	42 200
JUN	22 000	DEC	67 800

TOTAL DISCHARGE, 345 000 dam³

SPANISH RIVER AT ESPANOLA - STATION NO. 02CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	81.2	73.5	49.8	126	480	90.0	45.6	13.6	31.0	136	194	186	1
2	81.5	82.7	50.1	154	480	94.0	28.8	5.66	38.4	126	166	168	2
3	77.7	90.2	70.9	171	500	92.1	36.9	22.0	45.0	129	159	192	3
4	74.6	90.8	74.7	171	488	89.3	40.3	23.7	44.9	129	169	213	4
5	78.7	82.5	80.5	163	447	81.8	44.5	24.1	39.8	123	183	229	5
6	72.5	77.9	53.8	168	418	79.7	46.9	28.6	41.2	111	182	265	6
7	86.7	72.1	39.3	158	360	78.6	43.0	32.0	45.1	127	156	294	7
8	79.5	76.4	50.7	148	342	64.2	44.9	32.0	53.8	152	148	269	8
9	85.3	83.4	70.4	141	319	61.9	41.1	31.4	47.7	145	144	243	9
10	85.3	88.0	71.0	146	321	65.8	37.7	37.7	45.7	140	150	218	10
11	78.3	92.5	73.2	146	272	52.4	37.7	38.1	45.3	170	149	219	11
12	73.1	88.7	71.3	139	213	59.2	44.3	35.2	40.5	200	161	220	12
13	82.4	83.0	81.3	166	212	57.7	50.2	24.8	40.5	200	175	197	13
14	80.8	83.0	84.0	170	190	48.5	43.7	22.1	43.3	200	188	163	14
15	80.8	82.9	94.6	192	156	46.0	46.9	26.3	41.5	200	193	217	15
16	81.6	82.5	87.0	220	126	44.4	41.3	28.5	47.5	210	199	217	16
17	78.7	82.2	83.5	243	145	49.9	48.6	25.5	74.0	210	209	189	17
18	72.3	82.9	86.9	267	139	48.7	52.7	24.9	58.6	185	210	158	18
19	80.8	83.5	107	349	137	44.8	47.8	18.0	63.0	173	209	156	19
20	78.3	83.5	107	344	137	47.2	40.6	26.0	57.2	175	209	178	20
21	81.6	82.9	107	336	137	39.9	52.4	26.3	73.7	193	207	173	21
22	78.6	77.5	95.6	336	137	37.7	60.9	30.1	98.0	212	213	173	22
23	66.8	82.9	83.3	330	126	39.9	55.0	24.7	128	226	218	173	23
24	59.7	82.8	90.0	325	99.4	44.1	42.9	26.3	124	259	218	173	24
25	62.7	82.8	94.6	324	100	40.8	39.5	24.0	117	259	224	173	25
26	72.5	75.8	100	325	101	40.6	37.1	25.5	127	259	233	171	26
27	75.3	69.0	106	334	100	40.6	40.5	27.4	151	239	233	200	27
28	79.7	53.4	91.7	357	79.1	41.7	45.3	25.7	178	208	220	222	28
29	82.8		81.3	413	89.3	47.2	36.4	23.9	147	191	215	236	29
30	81.7		98.3	454	88.5	58.5	45.3	24.0	145	212	211	236	30
31	69.7		110		84.0		13.6	28.3		208		235	31
TOTAL	2 401.2	2 269.3	2 544.8	7 316	7 023.3	1 727.2	1 332.4	806.36	2 232.7	5 707	5 745	6 356	TOTAL
MEAN	77.5	81.0	82.1	244	227	57.6	43.0	26.0	74.4	184	192	205	MEAN
MAX	86.7	92.5	110	454	500	94.0	60.9	38.1	178	259	233	294	MAX
MIN	59.7	53.4	39.3	126	79.1	37.7	13.6	5.66	31.0	111	144	156	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 125
MAXIMUM DAILY, 500 ON MAY 3
MINIMUM DAILY, 5.66 ON AUG 2

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 16 05 N
LONG 81 46 20 W
DRAINAGE AREA, 11 400 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	207 000	JUL	115 000
FEB	196 000	AUG	69 700
MAR	220 000	SEP	193 000
APR	632 000	OCT	493 000
MAY	607 000	NOV	496 000
JUN	149 000	DEC	549 000

TOTAL DISCHARGE, 3 930 000 dam³

DATA CONTRIBUTED BY -
EDDY FOREST PRODUCTS LIMITED

REGULATED

REMARKS - DRAINAGE AREA REVISED DEC 1981. EXTREME HIGH WATER SPILLED FROM ONAPING LAKE INTO UPPER SPANISH RIVER

SPANISH RIVER AT HIGH FALLS - STATION NO. 02CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	67.3	78.6	43.9	102	313	60.0	17.0	12.9	25.6	106	135	98.5	1
2	63.8	88.0	58.5	98.5	327	61.7	19.6	11.9	34.0	105	134	130	2
3	60.0	77.5	56.4	102	321	49.9	18.6	24.0	35.1	110	137	147	3
4	58.7	76.4	72.0	97.9	301	49.9	21.9	27.0	34.1	106	167	150	4
5	63.1	74.5	62.9	89.7	270	48.5	22.9	26.4	34.0	105	167	163	5
6	67.2	53.7	30.9	70.3	230	46.4	24.8	27.1	35.1	96.7	126	201	6
7	73.5	55.9	28.6	71.6	210	38.8	24.5	27.1	35.2	104	127	169	7
8	79.6	78.4	51.4	72.8	204	36.8	26.3	22.1	35.3	106	133	154	8
9	70.7	84.4	60.9	72.8	206	37.4	22.9	26.9	34.1	98.6	131	155	9
10	70.5	80.7	62.9	72.8	186	38.4	15.8	29.3	32.9	117	136	141	10
11	71.2	87.0	58.3	68.7	130	37.3	22.9	29.7	28.4	156	131	153	11
12	67.3	78.4	67.6	73.5	117	34.5	34.4	21.1	26.3	138	168	144	12
13	70.8	73.7	77.9	77.9	113	27.6	18.0	20.7	26.9	132	167	112	13
14	70.9	72.7	73.4	87.6	87.4	24.0	28.3	20.2	26.3	124	168	160	14
15	75.6	73.5	70.2	91.0	98.3	23.5	27.6	20.6	27.5	157	173	180	15
16	60.1	78.9	70.8	92.0	112	26.3	30.3	21.5	50.4	153	173	178	16
17	60.8	80.8	76.3	111	104	27.7	28.5	21.1	52.9	137	171	119	17
18	61.2	74.8	95.3	127	91.1	26.9	26.1	20.2	52.2	135	169	106	18
19	68.6	74.4	103	126	97.7	26.9	27.3	20.1	51.0	135	166	141	19
20	71.0	72.2	103	126	96.1	28.3	43.6	20.6	53.8	140	163	142	20
21	64.3	73.0	69.1	126	98.4	24.6	54.8	20.6	95.5	183	172	142	21
22	60.6	69.6	66.3	127	86.5	27.0	55.1	21.5	116	189	173	138	22
23	40.8	75.5	72.3	126	70.3	25.7	34.7	21.5	113	211	174	141	23
24	41.9	71.2	76.3	157	65.5	23.3	34.9	18.1	115	216	174	139	24
25	50.5	74.4	76.9	139	57.0	26.9	27.0	17.6	113	216	173	131	25
26	61.1	78.0	70.2	147	56.1	26.2	27.2	18.2	111	211	168	165	26
27	69.9	33.8	63.3	153	53.4	26.2	23.0	18.7	157	176	161	161	27
28	77.6	26.5	52.6	240	52.4	24.9	23.5	18.2	142	175	165	176	28
29	62.4		65.0	283	41.2	23.4	20.2	18.7	110	172	173	178	29
30	68.1		69.5	302	46.9	23.2	21.2	18.7	112	166	141	146	30
31	49.5		90.9		46.9		17.6	18.7		161		129	31
TOTAL	1 998.6	2 012.5	2 116.7	3 631.1	4 289.2	1 002.2	840.5	661.0	1 915.6	4 537.3	4 716	4 589.5	TOTAL
MEAN	64.5	71.9	68.3	121	138	33.4	27.1	21.3	63.9	146	157	148	MEAN
MAX	79.6	88.0	103	302	327	61.7	55.1	29.7	157	216	174	201	MAX
MIN	40.8	26.5	28.6	68.7	41.2	23.2	15.8	11.9	25.6	96.7	126	98.5	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.5
MAXIMUM DAILY, 327 ON MAY 2
MINIMUM DAILY, 11.9 ON AUG 2

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 22 50 N
LONG 81 34 07 W
DRAINAGE AREA, 6 800 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	173 000	JUL	72 600
FEB	174 000	AUG	57 100
MAR	183 000	SEP	166 000
APR	314 000	OCT	392 000
MAY	371 000	NOV	407 000
JUN	86 600	DEC	397 000

TOTAL DISCHARGE, 2 790 000 dam³

DATA CONTRIBUTED BY -
INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED

REGULATED

REMARKS - DRAINAGE AREA REVISED DEC 1981. EXCLUDES ONAPING LAKE BASIN, BUT EXTREME HIGH WATER SPILLED FROM LAKE INTO SPANISH RIVER

SPEED RIVER BELOW GUELPH - STATION NO. 02GA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.30B	2.70B	2.22B	54.5	6.42	8.81	7.12	1.71	2.74	6.38	4.92	12.2	1
2	3.24B	2.65B	2.21B	65.7	5.15	7.96	5.21	1.62	2.83	6.01	5.72	11.7	2
3	3.20B	2.60B	2.20B	61.9	4.87	6.36	4.14	1.76	2.40	5.74	8.83	11.2	3
4	4.05B	2.55B	3.79	54.3	4.94	5.02	3.59	3.04	2.18	5.42	9.59	12.4	4
5	3.85B	2.50B	5.03	45.2	4.41	5.13	3.29	1.94	2.06	5.38	9.94	14.7	5
6	3.65B	2.46B	4.58	31.8	3.67	7.24	2.96	2.09	1.91	5.19	9.24	20.4	6
7	3.45B	2.40B	4.47	22.5	3.61	9.49	2.83	1.75	2.16	6.26	8.17	20.4	7
8	3.30B	2.36B	4.52	18.1	4.78	10.2	2.80	1.88	1.56	5.95	7.13	17.4	8
9	3.10B	2.32B	4.27	16.3	4.93	8.31	2.38	1.78	1.71	5.74	6.16	14.1	9
10	3.00B	2.30B	4.60B	16.1	4.87	6.25	2.20	1.71	1.58	5.89	6.06	11.6	10
11	2.90B	2.26B	5.33	16.4	4.42	5.09	2.59	1.45	1.45	6.70	6.78	10.5	11
12	2.80B	2.22B	5.23	15.9	4.14	4.27	2.30	1.46	1.42	6.53	7.61	9.77B	12
13	2.75B	2.20B	7.15B	18.0	3.79	3.61	1.97	1.63	1.49	5.75	10.2	9.43B	13
14	3.20B	2.18B	7.36	20.8	3.57	3.60	1.95	1.64	1.94	5.55	11.1	8.79	14
15	3.59B	3.10B	7.88	21.5	3.41	4.54	1.93	1.62	1.86	5.39	10.5	9.10	15
16	3.42B	2.92B	8.71B	21.8	3.20	5.20	1.90	1.52	2.03	5.31	9.53	13.4	16
17	3.38B	2.76B	8.55	31.2	3.02	6.84	2.32	1.48	1.96	5.39	9.03	14.6 B	17
18	3.28B	2.75B	8.71	39.5	2.87	7.35	2.66	1.49	2.77	5.37	8.53	13.6	18
19	3.20B	2.68B	9.39	31.5	2.78	8.12	2.96	1.40	2.28	5.26	8.36	12.5	19
20	3.14B	2.60B	9.35	24.7	3.13	8.83	2.91	1.58	2.43	5.20	8.41	11.5	20
21	3.02B	2.55B	9.54	26.1	3.06	12.1	2.60	1.53	2.15	5.22	10.4	10.3	21
22	2.98B	2.50B	9.81	23.4	3.28	14.0	2.33	1.62	2.65	5.26	11.2	9.84	22
23	3.15B	2.45B	10.6	17.4	3.22	13.1	1.82	1.80	3.74	5.17	12.0	9.65	23
24	3.02B	2.40B	11.9	13.6	3.04	9.99	1.72	1.77	4.37	5.17	12.7	11.0	24
25	2.90B	2.37B	13.7	11.5	2.82	7.51	1.73	5.33	6.15	5.13	12.2	19.0	25
26	2.82B	2.30B	13.4	10.1	2.87	6.51	1.54	3.44	6.05	4.90	11.5	27.2	26
27	2.78B	2.28B	12.1	8.88	3.00	5.86	1.58	3.19	7.93	4.61	10.4	26.9	27
28	2.95B	2.26B	12.0	8.28	7.77	5.33	2.62	2.66	7.46	4.32	9.67	21.9	28
29	2.86B		11.7	7.73	10.5	11.5	2.23	2.31	7.22	4.57	10.7	21.6	29
30	2.80B		13.6	7.31	10.6	8.27	2.16	2.18	6.82	4.66	11.6	23.0	30
31	2.75B		35.9		8.90		2.04	1.97		4.75		20.2	31
TOTAL	97.83	69.62	269.80	762.00	141.04	226.39	82.38	62.35	95.30	168.17	278.18	459.88	TOTAL
MEAN	3.16	2.49	8.70	25.4	4.55	7.55	2.66	2.01	3.18	5.42	9.27	14.8	MEAN
MAX	4.05	3.10	35.9	65.7	10.6	14.0	7.12	5.33	7.93	6.70	12.7	27.2	MAX
MIN	2.75	2.18	2.20	7.31	2.78	3.60	1.54	1.40	1.42	4.32	4.92	8.79	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.83
MAXIMUM DAILY, 65.7 ON APR 2
MINIMUM DAILY, 1.40 ON AUG 19
MAXIMUM INSTANTANEOUS,
69.8 AT 11:40 EST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 31 30 N
LONG 80 15 44 W
DRAINAGE AREA, 593 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 450	JUL	7 120
FEB	6 020	AUG	5 390
MAR	23 300	SEP	8 230
APR	65 800	OCT	14 500
MAY	12 200	NOV	24 000
JUN	19 600	DEC	39 700

TOTAL DISCHARGE, 234 000 dam³

SPEED RIVER NEAR ARMSTRONG MILLS - STATION NO. 02GA040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.810B	0.650B	0.350B	48.3	1.48	3.04	1.02	0.469	0.488	1.15	1.50	6.37	1
2	1.00 B	0.620B	0.340B	23.8	1.34	2.49	0.823	0.473	0.522	0.936	5.26	4.88	2
3	1.27 B	0.600B	0.335B	22.3	1.23	1.74	0.687	0.509	0.541	0.815	7.23	4.24	3
4	1.90 B	0.570B	0.355B	17.3	1.13	1.30	0.638	1.38	0.470	0.736	6.65	7.15	4
5	1.88 B	0.550B	0.385B	11.7	1.04	1.43	0.562	1.28	0.433	0.689	6.40	8.36	5
6	1.81 B	0.530B	0.420B	7.53	0.968	4.01	0.528	0.727	0.411	0.648	4.26	25.3	6
7	1.73 B	0.510B	0.450B	5.73	0.937	3.93	0.508	0.560	0.363	1.05	3.18	11.6	7
8	1.65 B	0.490B	0.477B	4.99	1.22	2.97	0.453	0.497	0.339	1.32	2.92	6.29	8
9	1.60 B	0.470B	0.540B	5.38	1.34	2.09	0.405	0.711	0.317	1.14	2.36	3.93	9
10	1.52 B	0.450B	0.620B	5.91	1.16	1.50	0.367	0.871	0.313	0.914	2.01	3.19	10
11	1.48 B	0.430B	0.720B	5.44	1.03	1.16	0.354	0.577	0.270	0.879	2.06	2.48	11
12	1.40 B	0.420B	0.840B	5.40	0.894	0.992	0.377	0.467	0.261	0.869	5.51	2.42B	12
13	1.32 B	0.410B	0.980B	8.47	0.834	0.956	0.345	0.419	0.256	0.821	7.14	2.37B	13
14	1.28 B	0.395B	1.40 B	8.39	0.773	1.41	0.310	0.370	0.330E	0.783	4.38	1.88B	14
15	1.22 B	0.420B	2.20 B	8.04	0.722	1.24	0.275	0.338	0.370E	1.12	3.24	1.68	15
16	1.18 B	0.450B	3.94 B	8.74	0.700	4.28	0.273	0.328	0.440E	1.46	2.57	7.15	16
17	1.11 B	0.492B	3.84 B	18.6	0.662	3.20	0.320	0.302	0.369E	1.22	2.32	6.86	17
18	1.08 B	0.470B	3.78 B	13.8	0.616	2.05	1.11	0.253	0.440E	1.04	2.12	4.98	18
19	1.02 B	0.460B	3.75 B	7.21	0.555	3.02	1.64	0.250	0.520E	0.914	2.09	2.72	19
20	1.00 B	0.450B	3.75 B	9.82	0.738	5.04	0.935	0.286	0.420E	0.921	2.51	2.30	20
21	0.970B	0.430B	3.80 B	11.3	0.820	7.51	0.636	0.395	0.520E	1.02	9.82	2.22	21
22	0.930B	0.420B	3.81 B	6.26	0.744	6.37	0.528	0.377	0.800E	1.00	9.98	2.10	22
23	0.980B	0.410B	4.20 B	4.42	0.675	3.55	0.445	0.455	1.60 E	0.891	5.66	2.12	23
24	0.900B	0.400B	4.60 B	3.58	0.687	2.16	0.392	0.463	2.14 E	0.800	9.29	6.10	24
25	0.830B	0.390B	5.50 B	3.09	0.704	1.47	0.347	1.49	2.39	0.791	6.14	25.8	25
26	0.800B	0.380B	6.35 B	2.70	0.655	1.66	0.325	2.02	2.47	0.734	3.95	27.0	26
27	0.770B	0.370B	6.23 B	2.56	0.604	1.57	0.343	0.953	2.23	0.701	2.95	11.3	27
28	0.790B	0.362B	5.65 B	2.27	5.95	1.36	0.723	0.660	2.93	0.695	2.56	9.50	28
29	0.760B		4.56 B	1.92	6.92	2.16	0.808	0.585	1.99	0.690	5.51	8.37	29
30	0.720B		5.79	1.68	4.04	1.29	0.572	0.536	1.42	0.678	8.60	4.88	30
31	0.690B		46.0		4.54		0.507	0.523		0.694		4.73	31
TOTAL	36.400	12.999	125.962	286.63	45.708	76.946	17.556	19.524	26.363	28.119	140.17	220.27	TOTAL
MEAN	1.17	0.464	4.06	9.55	1.47	2.56	0.566	0.630	0.879	0.907	4.67	7.11	MEAN
MAX	1.90	0.650	46.0	48.3	6.92	7.51	1.64	2.02	2.93	1.46	9.98	27.0	MAX
MIN	0.690	0.362	0.335	1.68	0.555	0.954	0.273	0.250	0.256	0.648	1.50	1.68	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.84
MAXIMUM DAILY, 48.3 ON APR 1
MINIMUM DAILY, 0.250 ON AUG 19
MAXIMUM INSTANTANEOUS,
71.2 AT 23:33 EST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 19 N
LONG 80 16 12 W
DRAINAGE AREA, 167 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 140	JUL	1 520
FEB	1 120	AUG	1 690
MAR	10 900	SEP	2 280
APR	24 800	OCT	2 430
MAY	3 950	NOV	12 100
JUN	6 650	DEC	19 000

TOTAL DISCHARGE, 89 600 dam³

SPENCER CREEK AT DUNDAS CROSSING - STATION NO. 02HB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.805B	0.637	0.910	23.7	1.70	1.38	1.19	0.218	1.39	3.11	1.04	3.36	1
2	0.801B	0.617	0.880	20.9	1.58	1.43	1.05	0.235	2.09	3.06	1.76	3.18	2
3	0.800B	0.679	0.932	20.6	1.45	1.24	0.940	0.420	2.17	2.67	2.61	2.99	3
4	2.25 B	0.675	1.01	13.8	1.30	1.09	0.873	0.665	1.81	0.890	3.35	3.17	4
5	2.00 B	0.690	0.981	6.50	1.13	1.17	0.796	0.626	1.42	0.945	3.81	3.30	5
6	1.65 B	0.645	0.852	5.43	1.08	2.40	0.763	0.618	1.16	1.42	3.46	4.06	6
7	1.37 B	0.607	0.807	4.85	1.10	3.02	0.810	0.639	1.44	2.99	3.10	4.01	7
8	1.18 B	0.638	0.877	4.85	1.55	3.04	0.483	0.690	0.885	1.74	2.99	3.56	8
9	0.960B	0.692	0.825	4.83	1.06	2.96	0.164	0.721	0.787	2.56	2.60	3.32	9
10	0.850B	0.675	0.831	4.36	0.392	2.80	0.169	0.815	0.646	2.45	2.45	2.86	10
11	0.700B	0.752	0.972	4.22	0.379	2.52	0.159	0.742	0.525	2.30	2.41	2.93	11
12	0.562B	0.784	1.38	4.15	0.354	2.25	0.168	0.523	0.476	1.65	2.69	2.27	12
13	0.587	0.760	5.27	4.28	0.356	2.19	0.251	0.465	0.436	1.18	2.72	1.97	13
14	0.384	0.664	8.16	4.23	0.331	2.26	0.274	0.399	0.400	2.84	2.58	2.20	14
15	0.305B	0.594	10.4	3.93	0.319	1.96	0.285	0.334	0.440	2.51	2.39	2.22	15
16	0.249	0.624	7.90	3.93	0.324	2.14	0.275	0.280	0.428	1.44	2.24	3.45	16
17	0.262B	0.623	7.91	4.38	0.519	2.09	0.400	0.225	0.443	1.38	2.14	2.86	17
18	0.280B	0.657	7.54	4.38	0.699	1.83	0.471	0.174	0.453	1.35	2.00	2.75	18
19	0.290B	0.679	7.57	4.14	0.835	1.74	0.476	0.198	0.443	1.17	1.94	2.74	19
20	0.310B	0.712	7.52	4.10	1.29	1.71	0.451	0.181	1.35	1.11	1.91	2.52	20
21	0.380B	0.738	7.70	4.31	1.37	1.94	0.406	0.156	0.673	1.09	2.81	2.44	21
22	0.460B	0.755	9.22	3.81	1.32	2.06	0.359	0.156	0.831	1.09	2.98	2.40	22
23	0.560B	0.768	11.7	3.34	1.34	1.99	0.312	0.278	0.832	1.07	2.96	2.47	23
24	0.745	0.787	13.5	3.04	1.32	1.59	0.290	0.329	0.918	1.06	3.59	3.42	24
25	0.762	0.801	13.5	2.80	1.26	1.35	0.265	3.46	2.73	1.03	3.39	5.07	25
26	0.809	0.873	12.3	2.70	1.17	1.27	0.229	4.18	2.52	1.05	3.04	7.43	26
27	0.778	0.955	9.74	2.53	1.23	1.16	0.210	4.23	1.60	1.04	2.79	7.13	27
28	0.776	0.939	8.00	2.33	0.984	1.12	0.330	2.56	4.26	0.975	2.55	6.39	28
29	0.758		7.46	2.08	1.00	1.15	0.318	1.78	1.91	0.948	3.18	5.69	29
30	0.699		8.39	1.78	1.33	1.25	0.290	2.44	1.05	0.989	3.56	5.09	30
31	0.675		17.9		1.26		0.258	1.97		1.01		4.24	31
TOTAL	23.997	20.020	192.937	180.28	31.332	56.10	13.715	30.707	36.516	50.157	80.64	111.49	TOTAL
MEAN	0.774	0.715	6.22	6.01	1.01	1.87	0.442	0.991	1.22	1.62	2.69	3.60	MEAN
MAX	2.25	0.955	17.9	23.7	1.70	3.04	1.19	4.23	4.26	3.11	3.81	7.43	MAX
MIN	0.249	0.594	0.807	1.78	0.319	1.09	0.159	0.156	0.400	0.890	1.04	1.97	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.27
MAXIMUM DAILY, 23.7 ON APR 1
MINIMUM DAILY, 0.156 ON AUG 21
MAXIMUM INSTANTANEOUS,
29.0 AT 09:46 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 16 17 N
LONG 79 58 21 W
DRAINAGE AREA, 166 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 070	JUL	1 180
FEB	1 730	AUG	2 650
MAR	16 700	SEP	3 150
APR	15 600	OCT	4 330
MAY	2 710	NOV	6 970
JUN	4 850	DEC	9 630

TOTAL DISCHARGE, 71 600 dam³

SPENCER CREEK NEAR WESTOVER - STATION NO. 02HB015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.332	0.185B	0.230B	7.42	0.575	0.473	0.384	0.071	0.499	0.816	0.472	1.30	1
2	0.340	0.180B	0.229B	8.08	0.529	0.464	0.317	0.138	0.456	0.713	0.617	1.19	2
3	0.325	0.175B	0.227B	7.54	0.494	0.425	0.270	0.235	0.465	0.623	0.813	1.13	3
4	0.451	0.170B	0.227B	6.15	0.457	0.386	0.228	0.379	0.478	0.536	1.07	1.16	4
5	0.450B	0.165B	0.225B	5.20	0.429	0.376	0.206	0.490	0.440	0.471	1.18	1.20	5
6	4.20 B	0.160B	0.225B	3.70	0.407	0.768	0.185	0.494	0.394	0.412	1.18	1.42	6
7	0.390B	0.160B	0.225B	3.28	0.396	0.965	0.165	0.393	0.356	0.458	1.13	1.49	7
8	0.360B	0.155B	0.225B	2.58	0.620	1.01	0.155	0.322	0.324	0.502	1.06	1.56	8
9	0.335B	0.150B	0.226B	2.17	0.757	0.963	0.133	0.415	0.298	0.516	0.974	1.56	9
10	0.315B	0.145B	0.229B	2.09	0.782	0.881	0.113	0.389	0.266	0.541	0.882	1.32	10
11	0.295B	0.142B	0.280B	1.96	0.703	0.872	0.098	0.321	0.236	0.575	0.880	1.19	11
12	0.289B	0.140B	0.380B	1.89	0.578	0.810	0.093	0.255	0.191	0.573	0.967	1.05	12
13	0.275B	0.139B	0.500B	2.08	0.501	0.648	0.086	0.187	0.165	0.569	1.01	0.842	13
14	0.260B	0.138B	0.680B	2.13	0.450	0.506	0.074	0.146	0.157	0.552	0.997	0.719	14
15	0.252B	0.266B	0.920B	2.19	0.404	0.438	0.066	0.130	0.168	0.539	0.978	0.720	15
16	0.245B	0.260B	1.20 B	2.28	0.380	0.614	0.061	0.116	0.184	0.528	0.944	0.949	16
17	0.238B	0.258B	1.25 B	2.62	0.348	0.634	0.067	0.103	0.186	0.514	0.903	1.08	17
18	0.231B	0.255B	1.32 B	2.62	0.319	0.542	0.112	0.091	0.151	0.515	0.846	0.878	18
19	0.225B	0.250B	1.55 B	2.33	0.300	0.560	0.172	0.085	0.237	0.518	0.803	0.854	19
20	0.220B	0.248B	2.33	2.21	0.358	0.646	0.165	0.120	0.263	0.543	0.792	0.818	20
21	0.215B	0.245B	2.97	2.07	0.432	0.700	0.133	0.178	0.233	0.546	0.913	0.800	21
22	0.210B	0.243B	3.32	1.71	0.434	0.679	0.100	0.191	0.256	0.549	1.03	0.822	22
23	0.225B	0.242B	4.07	1.44	0.418	0.659	0.085	0.191	0.463	0.546	1.08	0.856	23
24	0.212B	0.240B	4.77	1.27	0.419	0.602	0.075	0.204	0.583	0.528	1.16	0.999	24
25	0.205B	0.239B	4.62	1.13	0.422	0.517	0.060	1.08	0.692	0.512	1.12	1.54	25
26	0.200B	0.238B	4.23	1.01	0.416	0.443	0.047	1.38	0.706	0.500	1.09	2.52	26
27	0.195B	0.235B	4.05	0.898	0.383	0.398	0.041	1.38	0.824	0.491	1.11	3.17	27
28	0.210B	0.232B	3.56	0.731	0.404	0.357	0.058	1.17	0.946	0.477	1.10	3.55	28
29	0.202B		3.27	0.615	0.484	0.473	0.086	0.973	0.998	0.479	1.22	3.12	29
30	0.200B		3.46	0.623	0.500	0.461	0.081	0.803	0.895	0.471	1.31	2.62	30
31	0.190B		5.39		0.491		0.071	0.625		0.468		2.06 B	31
TOTAL	12.292	5.655	56.388	82.017	14.590	18.270	3.987	13.055	12.510	16.581	29.631	48.447	TOTAL
MEAN	0.397	0.202	1.82	2.73	0.471	0.609	0.129	0.421	0.417	0.535	0.988	1.43	MEAN
MAX	4.20	0.266	5.39	8.08	0.782	1.01	0.384	1.38	0.998	0.816	1.31	3.55	MAX
MIN	0.190	0.138	0.225	0.615	0.300	0.357	0.041	0.071	0.151	0.412	0.472	0.719	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.848
MAXIMUM DAILY, 8.08 ON APR 2
MINIMUM DAILY, 0.041 ON JUL 27
MAXIMUM INSTANTANEOUS,
9.05 AT 11:39 EST ON APR 2

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 21 10 N
LONG 80 04 40 W
DRAINAGE AREA, 63.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 060	JUL	384
FEB	489	AUG	1 130
MAR	4 870	SEP	1 080
APR	7 090	OCT	1 430
MAY	1 260	NOV	2 560
JUN	1 580	DEC	3 840

TOTAL DISCHARGE, 26 700 dam³

ST. CLAIR RIVER AT POINT EDWARD - STATION NO. 02GG010

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.07	176.12	175.96	176.17	176.16	176.20	176.23	176.24	176.18	176.19	176.10	176.11	1
2	176.04	176.08	176.05	176.11	176.17	176.22	176.22	176.26	176.22	176.11	176.07	176.09	2
3	175.97	176.12	176.02	175.96	176.15	176.21	176.23	176.22	176.26	176.13	176.14	176.10	3
4	175.99	176.12	176.02	176.25	176.13	176.21	176.23	176.26	176.24	176.15	176.15	176.20	4
5	176.09	176.07	176.01	176.22	176.10	176.23	176.21	176.27	176.20	176.12	176.07	176.13	5
6	176.10	176.06	176.01	176.30	176.11	176.23	176.18	176.26	176.24	176.12	176.15	176.16	6
7	176.17	176.02	176.02	176.19	176.17	176.16	176.21	176.25	176.21	176.12	176.08	176.26	7
8	176.12	176.12	176.00	176.14	176.16	176.18	176.23	176.23	176.18	176.18	176.14	176.25	8
9	176.22	176.10	175.99	176.11	176.17	176.18	176.23	176.27	176.19	176.14	176.14	176.25	9
10	176.12	176.08	175.96	176.11	176.18	176.18	176.20	176.29	176.17	176.01	176.01	176.17	10
11	176.37	176.08	175.97	176.11	176.11	176.20	176.15	176.28	176.15	176.10	176.08	176.29	11
12	176.25	176.11	175.94	176.09	176.16	176.17	176.27	176.27	176.16	176.14	176.03	176.25	12
13	176.21	176.08	175.88	176.10	176.14	176.20	176.23	176.25	176.15	176.13	176.22	176.09	13
14	176.19	176.08	176.07	176.15	176.14	176.17	176.21	176.24	176.22	176.12	176.11	176.14	14
15	176.12	176.01	176.02	176.09	---	176.16	176.23	176.23	176.18	176.25	176.14	176.15	15
16	176.18	176.07	175.95	176.08	---	176.23	176.21	176.22	176.22	176.26	176.12	176.27	16
17	176.24	176.02	176.00	176.12	---	176.21	176.20	176.27	176.16	176.16	176.11	176.16	17
18	176.20	175.99	176.03	176.21	---	176.22	176.24	176.24	176.24	176.08	176.07	175.98	18
19	176.16	176.01	176.09	176.15	---	176.24	176.28	176.20	176.19	176.08	176.07	176.13	19
20	176.22	176.01	176.05	176.13	176.19	176.23	176.27	176.27	176.17	175.98	176.00	176.21	20
21	176.16	176.04	176.04	176.19	176.18	176.23	176.26	176.24	176.18	176.19	176.13	176.23	21
22	176.10	176.00	176.08	176.18	176.17	176.24	176.24	176.17	176.20	176.13	176.15	176.14	22
23	175.88	176.05	176.06	176.14	176.19	176.24	176.27	176.24	176.19	176.14	176.17	176.09	23
24	176.17	176.04	176.02	176.17	176.19	176.21	176.24	176.24	176.12	176.12	176.22	176.12	24
25	176.21	176.00	176.08	176.14	176.17	176.23	176.23	176.27	176.12	176.13	176.18	176.12	25
26	176.18	176.00	176.17	176.17	176.17	176.23	176.25	176.23	176.15	176.11	176.17	176.26	26
27	175.98	176.02	176.18	176.22	176.17	176.21	176.24	176.26	176.21	176.09	176.16	176.20	27
28	176.07	175.98	176.08	176.17	176.19	176.22	176.28	176.27	176.17	176.05	176.08	176.10	28
29	176.12		176.05	176.15	176.18	176.25	176.28	176.21	176.09	176.05	176.08	176.26	29
30	176.12		175.97	176.15	176.19	176.27	176.24	176.20	176.12	176.09	176.13	176.24	30
31	176.24		176.00		176.19		176.24	176.22		176.11		176.19	31
MEAN	176.14	176.05	176.02	176.15	---	176.21	176.23	176.24	176.18	176.12	176.11	176.17	MEAN
MAX	176.37	176.12	176.18	176.30	---	176.27	176.28	176.29	176.26	176.26	176.22	176.29	MAX
MIN	175.88	175.98	175.88	175.96	---	176.16	176.15	176.17	176.09	175.98	176.00	175.98	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 176.37 ON JAN 11

MAXIMUM INSTANTANEOUS,
176.55 AT 22:45 EST ON JAN 3

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 59 27 N
LONG 82 25 17 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 11940 POINT EDWARD, ONT

ST. CLAIR RIVER AT PORT LAMBTON - STATION NO. 02GG011

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	175.23	175.57	175.23	175.39	175.34	175.38	175.39	175.38	175.30	175.25	175.17	175.24	1
2	175.20	175.49	175.24	175.38	175.34	175.37	175.39	175.37	175.31	175.24	175.21	175.23	2
3	175.21	175.50	175.24	175.51	175.33	175.35	175.39	175.37	175.31	175.25	175.22	175.25	3
4	175.38	175.46	175.28	175.41	175.33	175.36	175.42	175.36	175.30	175.25	175.24	175.27	4
5	175.25	175.42	175.30	175.34	175.32	175.36	175.41	175.36	175.30	175.23	175.28	175.29	5
6	175.25	175.45	175.29	175.39	175.32	175.38	175.40	175.36	175.29	175.23	175.24	175.32	6
7	175.28	175.32	175.29	175.41	175.33	175.38	175.41	175.37	175.28	175.24	175.20	175.31	7
8	175.33	175.35	175.28	175.39	175.33	175.37	175.39	175.38	175.28	175.24	175.18	175.29	8
9	175.33	175.37	175.29	175.37	175.32	175.38	175.39	175.38	175.28	175.23	175.18	175.29	9
10	175.40	175.34	175.26	175.39	175.32	175.37	175.39	175.37	175.27	175.21	175.16	175.34	10
11	175.56	175.29	175.24	175.37	175.32	175.37	175.42	175.36	175.26	175.22	175.19	175.29	11
12	175.44	175.32	175.22	175.35	175.32	175.37	175.40	175.36	175.26	175.23	175.26	175.29	12
13	175.43	175.34	175.24	175.36	175.32	175.36	175.38	175.36	175.26	175.21	175.21	175.32	13
14	175.44	175.35	175.29	175.37	175.32	175.36	175.38	175.35	175.27	175.24	175.22	175.29	14
15	175.45	175.41	175.32	175.36	175.32	175.39	175.38	175.34	175.27	175.22	175.21	175.23	15
16	175.47	175.39	175.34	175.37	175.32	175.37	175.38	175.34	175.27	175.22	175.23	175.26	16
17	175.42	175.35	175.37	175.42	175.32	175.39	175.38	175.34	175.26	175.20	175.19	175.27	17
18	175.36	175.33	175.37	175.40	175.32	175.38	175.39	175.34	175.28	175.20	175.17	175.28	18
19	175.36	175.32	175.38	175.39	175.33	175.39	175.38	175.33	175.27	175.19	175.17	175.26	19
20	175.41	175.29	175.39	175.40	175.31	175.41	175.38	175.32	175.27	175.26	175.18	175.29	20
21	175.43	175.29	175.39	175.39	175.32	175.40	175.38	175.31	175.24	175.17	175.20	175.28	21
22	175.40	175.27	175.37	175.38	175.33	175.39	175.38	175.34	175.24	175.16	175.22	175.28	22
23	175.32	175.26	175.35	175.38	175.35	175.39	175.38	175.31	175.25	175.17	175.24	175.26	23
24	175.38	175.27	175.33	175.38	175.34	175.39	175.38	175.31	175.27	175.17	175.28	175.26	24
25	175.37	175.28	175.34	175.36	175.33	175.39	175.38	175.32	175.24	175.18	175.31	175.30	25
26	175.39	175.28	175.37	175.36	175.33	175.38	175.37	175.33	175.24	175.17	175.27	175.34	26
27	175.33	175.29	175.36	175.33	175.34	175.38	175.37	175.32	175.27	175.16	175.24	175.34	27
28	175.36	175.26	175.36	175.34	175.36	175.39	175.40	175.32	175.27	175.16	175.23	175.45	28
29	175.39		175.32	175.34	175.36	175.40	175.40	175.32	175.26	175.18	175.26	175.40	29
30	175.44		175.30	175.34	175.36	175.40	175.40	175.30	175.25	175.17	175.24	175.37	30
31	175.64		175.36		175.36		175.38	175.29		175.16		175.36	31
MEAN	175.38	175.35	175.31	175.38	175.33	175.38	175.39	175.34	175.27	175.21	175.22	175.30	MEAN
MAX	175.64	175.57	175.39	175.51	175.36	175.41	175.42	175.38	175.31	175.26	175.31	175.45	MAX
MIN	175.20	175.26	175.22	175.33	175.31	175.35	175.37	175.29	175.24	175.16	175.16	175.23	MIN

WATER LEVELS IN METRES

MEAN, 175.32
MAXIMUM DAILY, 175.64 ON JAN 31
MINIMUM DAILY, 175.16 ON OCT 22
MAXIMUM INSTANTANEOUS,
175.81 AT 23:00 EST ON JAN 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 39 33 N
LONG 82 30 25 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 11950 PORT LAMBTON, ONT

ST. LAWRENCE RIVER AT BROCKVILLE - STATION NO. 02MB007

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.18	74.21	74.07	---	74.62	74.59	74.67	---	74.30	74.28	74.04	74.10	1
2	74.04	74.17	74.10	---	74.59	74.64	74.71	---	74.37	74.19	74.06	74.07	2
3	74.00	74.17	74.07	---	74.59	74.59	74.63	---	74.46	74.20	74.10	74.11	3
4	74.05	74.19	74.03	---	74.56	74.56	74.64	74.46	74.41	74.18	74.12	74.14	4
5	74.26	74.16	74.11	---	74.56	74.53	74.63	74.45	74.38	74.17	74.24	74.06	5
6	74.16	74.22	74.06	---	74.55	74.52	74.63	74.45	74.33	74.18	74.35	74.18	6
7	74.22	74.26	74.08	---	74.55	74.59	74.65	74.46	74.27	74.13	74.25	74.19	7
8	74.23	74.22	74.10	---	74.57	74.62	74.65	74.45	74.29	74.19	74.24	74.10	8
9	74.24	74.16	74.05	---	74.58	74.62	74.66	74.48	74.32	74.07	74.13	74.05	9
10	74.32	74.20	74.06	---	74.56	74.62	74.61	74.49	74.32	74.05	74.10	74.15	10
11	74.43	74.18	74.06	---	74.56	74.66	74.60	74.49	74.29	74.13	74.17	74.12	11
12	74.25	74.15	74.08	---	74.55	74.63	74.68	74.44	74.26	74.19	74.22	74.05	12
13	74.21	74.14	74.09	---	74.55	74.63	74.63	74.43	74.25	74.17	74.20	74.05	13
14	74.22	74.13	74.16	---	74.53	74.65	---	74.45	74.26	74.21	74.10	74.11	14
15	74.26	74.13	74.12	74.48	74.54	74.62	---	74.44	74.18	74.25	74.18	74.07	15
16	74.32	74.11	74.08	74.49	74.57	74.69	---	74.45	74.27	74.19	74.16	74.06	16
17	74.29	74.04	74.12	74.52	74.54	74.65	---	74.43	74.23	74.18	74.13	74.00	17
18	74.27	74.05	74.17	74.62	74.54	74.64	---	74.42	74.28	74.17	74.06	73.99	18
19	74.21	74.11	74.20	74.55	74.56	74.63	---	74.45	74.28	74.18	74.07	74.06	19
20	74.22	74.10	74.19	74.55	74.58	74.69	---	74.43	74.22	74.19	74.10	74.05	20
21	74.15	74.07	74.21	74.69	74.53	74.66	---	74.38	74.22	74.29	74.13	74.09	21
22	74.14	74.10	74.28	74.66	74.51	74.65	---	74.41	74.18	74.16	74.05	74.07	22
23	74.20	74.10	74.26	74.71	74.51	74.67	---	74.44	74.22	74.15	74.06	74.03	23
24	74.31	74.05	74.26	74.67	74.54	74.67	---	74.40	74.24	74.11	74.13	74.09	24
25	74.22	74.10	74.29	74.61	74.56	74.69	---	74.38	74.21	74.10	74.21	74.15	25
26	74.22	74.10	74.38	74.57	74.56	74.65	---	74.45	74.21	74.08	74.16	74.22	26
27	74.18	74.10	74.39	74.55	74.54	74.64	---	74.47	74.19	74.09	74.08	74.15	27
28	74.22	74.07	74.38	74.53	74.54	74.64	---	74.43	74.22	74.08	74.08	74.25	28
29	74.22		74.37	74.57	74.56	74.64	---	74.43	74.20	74.08	74.13	74.37	29
30	74.17		74.32	74.61	74.55	74.67	---	74.41	74.23	74.10	74.10	74.27	30
31	74.10		74.39		74.58		---	74.36		74.08		74.22	31
MEAN	74.21	74.14	74.18	---	74.56	74.63	---	---	74.27	74.15	74.14	74.12	MEAN
MAX	74.43	74.26	74.39	---	74.62	74.69	---	---	74.46	74.29	74.35	74.37	MAX
MIN	74.00	74.04	74.03	---	74.51	74.52	---	---	74.18	74.05	74.04	73.99	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 35 00 N
LONG 75 41 30 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

MAXIMUM INSTANTANEOUS,
74.79 AT 3:30 EST ON JUN 16

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 14400 BROCKVILLE, ONT

ST. LAWRENCE RIVER AT CORNWALL - STATION NO. 02MC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8 780	6 800	7 220	7 140	8 300	7 870	8 330	7 990	7 840	7 560	7 330	7 730	1
2	8 780	6 800	7 220	6 800	8 300	7 930	8 330	7 990	7 840	7 650	7 330	7 730	2
3	8 780	6 800	7 220	6 940	8 300	7 960	8 440	7 990	7 840	7 650	7 330	7 730	3
4	8 780	6 800	7 220	7 250	8 300	7 960	8 440	7 990	7 730	7 650	7 360	7 790	4
5	8 580	6 800	7 220	7 620	8 300	8 160	8 440	7 990	7 730	7 650	7 330	7 790	5
6	7 160	6 940	7 110	7 840	8 300	8 160	8 440	7 990	7 730	7 650	7 450	7 790	6
7	6 510	6 940	7 110	7 840	8 300	8 010	8 440	7 960	7 730	7 650	7 450	7 790	7
8	6 510	6 990	7 110	7 840	8 270	7 990	8 440	7 960	7 730	7 650	7 450	7 790	8
9	6 510	7 080	7 110	7 840	8 270	8 040	8 440	7 960	7 730	7 500	7 450	7 790	9
10	6 510	7 110	7 110	8 040	8 270	8 070	8 270	7 960	7 730	7 500	7 450	7 790	10
11	6 370	7 080	7 110	8 040	8 270	8 070	8 270	7 960	7 820	7 500	7 450	7 900	11
12	5 950	7 080	7 110	8 040	8 270	8 270	8 270	7 960	7 820	7 500	7 450	7 900	12
13	5 950	7 220	7 110	8 040	8 270	8 270	8 270	7 960	7 700	7 500	7 560	7 900	13
14	5 950	7 220	7 110	8 040	8 270	8 270	8 270	7 820	7 670	7 500	7 560	7 900	14
15	5 950	7 220	7 110	8 040	8 100	8 270	8 270	7 820	7 700	7 500	7 560	7 900	15
16	5 950	7 220	7 110	8 040	8 100	8 270	8 270	7 820	7 670	7 450	7 560	7 900	16
17	5 950	7 220	7 140	8 380	8 100	8 270	8 180	7 820	7 790	7 450	7 560	7 900	17
18	6 090	7 220	7 140	8 350	8 100	8 270	8 180	7 820	7 700	7 450	7 560	7 650	18
19	6 310	7 220	7 140	6 990	8 100	8 350	8 180	7 820	7 700	7 450	7 560	7 650	19
20	6 510	7 220	7 250	6 990	8 100	8 350	8 180	7 820	7 700	7 450	7 650	7 650	20
21	6 510	7 220	7 250	6 990	8 100	8 350	8 180	7 730	7 700	7 450	7 650	7 650	21
22	6 510	7 220	7 250	7 020	8 010	8 350	8 180	7 730	7 700	7 500	7 650	7 650	22
23	6 510	7 220	7 250	7 020	8 010	8 350	8 180	7 730	7 700	7 450	7 650	7 650	23
24	6 510	7 220	7 220	7 420	8 010	8 350	8 070	7 730	7 700	7 420	7 650	7 650	24
25	6 510	7 220	7 250	8 270	8 010	8 350	8 070	7 730	7 560	7 450	7 650	7 220	25
26	6 510	7 220	7 250	8 470	8 010	8 330	8 070	7 730	7 560	7 450	7 650	7 220	26
27	6 570	7 220	7 420	8 640	8 010	8 330	8 070	7 730	7 560	7 450	7 730	7 220	27
28	6 800	7 220	7 420	8 440	8 010	8 330	8 070	7 840	7 560	7 450	7 730	7 220	28
29	6 800		7 420	8 070	8 040	8 330	8 070	7 840	7 560	7 480	7 730	7 220	29
30	6 800		7 420	7 960	8 040	8 330	8 070	7 840	7 560	7 330	7 730	7 220	30
31	6 800		7 420		7 900		7 990	7 840		7 310		7 220	31
TOTAL	210 710	198 740	223 550	232 400	252 740	246 210	255 370	243 870	231 060	232 600	226 220	237 110	TOTAL
MEAN	6 800	7 100	7 210	7 750	8 150	8 210	8 240	7 870	7 700	7 500	7 540	7 650	MEAN
MAX	8 780	7 220	7 420	8 640	8 300	8 350	8 440	7 990	7 840	7 650	7 730	7 900	MAX
MIN	5 950	6 800	7 110	6 800	7 900	7 870	7 990	7 730	7 560	7 310	7 330	7 220	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7 650
MAXIMUM DAILY, 8 780 ON JAN 1
MINIMUM DAILY, 5 950 ON JAN 12

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 00 21 N
LONG 74 47 43 W
DRAINAGE AREA, 774 000 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 200 000	JUL	22 100 000
FEB	17 200 000	AUG	21 100 000
MAR	19 300 000	SEP	20 000 000
APR	20 100 000	OCT	20 100 000
MAY	21 800 000	NOV	19 500 000
JUN	21 300 000	DEC	20 500 000

TOTAL DISCHARGE, 241 000 000 dam³

DATA CONTRIBUTED BY -
INTERNATIONAL ST. LAWRENCE RIVER BOARD OF CONTROL

REGULATED

ST. LAWRENCE RIVER AT IROQUOIS ISLAND (ABOVE) - STATION NO. 02MB008

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	73.09	73.03	72.95	73.91	73.90	73.91	73.91	73.79	73.51	73.51	73.32	73.27	1
2	73.03	72.97	73.00	73.96	73.87	73.98	73.97	73.69	73.58	73.43	73.29	73.24	2
3	72.89	72.98	72.98	73.94	73.85	73.92	73.89	73.67	73.71	73.43	73.34	73.26	3
4	72.89	73.02	72.94	74.19	73.81	73.86	73.85	73.66	73.72	73.41	73.39	73.34	4
5	73.26	73.01	73.00	73.99	73.80	73.80	73.84	73.66	73.68	73.38	73.52	73.23	5
6	73.35	73.06	72.98	73.67	73.79	73.72	73.84	73.66	73.63	73.40	73.74	73.35	6
7	73.63	73.07	72.99	73.65	73.79	73.82	73.86	73.67	73.50	73.33	73.63	73.44	7
8	73.70	73.01	73.03	73.68	73.81	73.90	73.87	73.67	73.50	73.37	73.58	73.31	8
9	73.72	72.88	72.97	73.75	73.84	73.93	73.88	73.69	73.56	73.28	73.44	73.21	9
10	73.76	72.91	72.98	73.80	73.81	73.91	73.84	73.73	73.59	73.21	73.35	73.27	10
11	73.95	72.90	72.99	73.77	73.80	73.96	73.82	73.73	73.54	73.30	73.41	73.29	11
12	73.71	72.88	73.01	73.76	73.79	73.92	73.93	73.68	73.49	73.41	73.50	73.18	12
13	73.61	72.83	73.02	73.79	73.78	73.89	73.90	73.65	73.48	73.43	73.53	73.14	13
14	73.55	72.82	73.10	73.84	73.76	73.91	73.84	73.68	73.50	73.47	73.36	73.23	14
15	73.56	72.82	73.09	73.76	73.79	73.89	73.81	73.70	73.40	73.55	73.40	73.20	15
16	73.62	72.82	73.06	73.75	73.84	73.95	73.80	73.71	73.45	73.50	73.40	73.18	16
17	73.60	72.77	73.04	73.75	73.81	73.91	73.81	73.69	73.44	73.47	73.38	73.12	17
18	73.56	72.75	73.12	73.88	73.80	73.90	73.85	73.66	73.50	73.45	73.29	73.11	18
19	73.46	72.82	73.20	73.96	73.82	73.86	73.86	73.71	73.49	73.46	73.26	73.16	19
20	73.40	72.85	73.28	74.00	73.88	73.95	73.76	73.72	73.44	73.46	73.28	73.17	20
21	73.29	72.83	73.39	74.18	73.81	73.92	73.74	73.63	73.45	73.65	73.33	73.24	21
22	73.27	72.86	73.51	74.18	73.78	73.90	73.76	73.66	73.39	73.47	73.27	73.26	22
23	73.25	72.90	73.50	74.21	73.77	73.91	73.73	73.71	73.40	73.42	73.22	73.19	23
24	73.37	72.87	73.52	74.17	73.80	73.92	73.73	73.68	73.46	73.37	73.30	73.21	24
25	73.31	72.92	73.58	73.96	73.83	73.95	73.79	73.63	73.45	73.35	73.43	73.38	25
26	73.30	72.96	73.69	73.83	73.87	73.90	73.78	73.71	73.45	73.32	73.43	73.56	26
27	73.27	72.99	73.72	73.75	73.84	73.88	73.73	73.76	73.40	73.32	73.31	73.48	27
28	73.23	72.96	73.71	73.69	73.82	73.87	73.70	73.70	73.46	73.33	73.26	73.54	28
29	73.24		73.71	73.79	73.84	73.87	73.74	73.69	73.44	73.32	73.28	73.80	29
30	73.18		73.64	73.89	73.83	73.89	73.72	73.68	73.47	73.35	73.29	73.67	30
31	73.12		73.71		73.87		73.76	73.62		73.35		73.58	31
MEAN	73.39	72.91	73.24	73.88	73.82	73.90	73.82	73.69	73.50	73.40	73.38	73.31	MEAN
MAX	73.95	73.07	73.72	74.21	73.90	73.98	73.97	73.79	73.72	73.65	73.74	73.80	MAX
MIN	72.89	72.75	72.94	73.65	73.76	73.72	73.70	73.62	73.39	73.21	73.22	73.11	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 73.52
MAXIMUM DAILY, 74.21 ON APR 23
MINIMUM DAILY, 72.75 ON FEB 18
MAXIMUM INSTANTANEOUS,
74.30 AT 13:45 EST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 49 20 N
LONG 75 19 14 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUN

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS 14600 IROQUOIS LOCK (ABOVE), ONT

ST. LAWRENCE RIVER AT IROQUOIS ISLAND (BELOW) - STATION NO. 02MB009

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	72.92	72.85	72.77	73.81	73.79	73.79	73.79	73.68	73.40	73.40	73.22	73.15	1
2	72.89	72.80	72.83	73.89	73.76	73.88	73.86	73.58	73.46	73.33	73.18	73.12	2
3	72.73	72.79	72.81	73.86	73.73	73.81	73.78	73.55	73.59	73.32	73.23	73.14	3
4	72.72	72.84	72.77	74.11	73.69	73.76	73.73	73.54	73.62	73.30	73.28	73.22	4
5	73.10	72.83	72.83	73.91	73.68	73.69	73.72	73.54	73.58	73.27	73.40	73.12	5
6	73.24	72.88	72.82	73.57	73.67	73.60	73.72	73.55	73.53	73.29	73.65	73.22	6
7	73.55	72.89	72.82	73.54	73.67	73.70	73.74	73.56	73.39	73.22	73.54	73.32	7
8	73.63	72.83	72.86	73.56	73.70	73.79	73.75	73.56	73.39	73.25	73.48	73.20	8
9	73.65	72.69	72.81	73.64	73.73	73.82	73.76	73.57	73.45	73.18	73.34	73.09	9
10	73.68	72.71	72.81	73.69	73.70	73.81	73.73	73.61	73.48	73.09	73.24	73.14	10
11	73.89	72.70	72.81	73.67	73.69	73.85	73.70	73.63	73.43	73.18	73.30	73.16	11
12	73.65	72.69	72.83	73.65	73.68	73.81	73.81	73.57	73.37	73.30	73.39	73.06	12
13	73.51	72.63	72.84	73.67	73.67	73.78	73.80	73.53	73.37	73.32	73.44	73.03	13
14	73.35	72.62	72.92	73.74	73.64	73.79	73.72	73.57	73.39	73.36	73.25	73.09	14
15	73.35	72.61	72.92	73.65	73.68	73.78	73.69	73.59	73.29	73.44	73.28	73.07	15
16	73.42	72.63	72.89	73.64	73.73	73.83	73.69	73.60	73.33	73.40	73.28	73.06	16
17	73.43	72.57	72.86	73.62	73.70	73.79	73.69	73.59	73.33	73.37	73.27	73.00	17
18	73.38	72.55	72.94	73.76	73.69	73.79	73.74	73.55	73.38	73.35	73.18	72.98	18
19	73.27	72.61	73.05	73.88	73.71	73.74	73.75	73.59	73.38	73.36	73.14	73.05	19
20	73.20	72.66	73.11	73.92	73.77	73.83	73.65	73.62	73.33	73.35	73.16	73.06	20
21	73.11	72.64	73.17	74.09	73.71	73.81	73.62	73.52	73.34	73.55	73.21	73.12	21
22	73.09	72.67	73.28	74.11	73.67	73.79	73.64	73.55	73.28	73.37	73.15	73.14	22
23	73.06	72.71	73.32	74.13	73.66	73.79	73.61	73.61	73.28	73.31	73.09	73.08	23
24	73.19	72.69	73.36	74.10	73.69	73.80	73.61	73.57	73.35	73.26	73.18	73.09	24
25	73.15	72.73	73.45	73.86	73.72	73.83	73.68	73.52	73.34	73.24	73.32	73.26	25
26	73.13	72.78	73.55	73.72	73.76	73.79	73.67	73.61	73.34	73.21	73.32	73.46	26
27	73.11	72.81	73.60	73.62	73.74	73.76	73.62	73.66	73.29	73.21	73.19	73.39	27
28	73.06	72.79	73.58	73.57	73.71	73.76	73.59	73.60	73.35	73.22	73.14	73.44	28
29	73.07		73.58	73.67	73.73	73.75	73.62	73.58	73.33	73.21	73.15	73.71	29
30	73.02		73.53	73.78	73.72	73.77	73.61	73.57	73.36	73.24	73.18	73.58	30
31	72.95		73.61		73.76		73.64	73.51		73.25		73.49	31
MEAN	73.24	72.72	73.08	73.78	73.71	73.78	73.70	73.58	73.39	73.30	73.27	73.19	MEAN
MAX	73.89	72.89	73.61	74.13	73.79	73.88	73.86	73.68	73.62	73.55	73.65	73.71	MAX
MIN	72.72	72.55	72.77	73.54	73.64	73.60	73.59	73.51	73.28	73.09	73.09	72.98	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 73.40
MAXIMUM DAILY, 74.13 ON APR 23
MINIMUM DAILY, 72.55 ON FEB 18
MAXIMUM INSTANTANEOUS,
74.22 AT 18:00 EST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 12 N
LONG 75 18 37 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUN

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS 14602 IROQUOIS LOCK (BELOW), ONT

ST. LAWRENCE RIVER AT SUMMERSTOWN - STATION NO. 02MC023

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.46	46.71	46.71	46.76	46.62	---	46.63	46.62	46.70	46.62	46.58	---	1
2	46.37	46.70	46.67	46.66	46.57	---	46.60	46.67	46.72	46.65	46.62	46.60	2
3	46.46	46.70	46.69	46.58	46.56	---	46.66	46.68	46.63	46.67	46.59	46.56	3
4	46.51	46.69	46.68	46.65	46.58	---	46.66	46.64	46.62	46.64	46.61	46.51	4
5	46.39	46.68	46.71	46.64	46.56	---	46.66	46.65	46.66	46.64	---	46.55	5
6	46.58	46.68	46.71	46.68	46.58	---	46.66	46.69	46.66	46.62	---	46.49	6
7	46.53	46.72	46.71	46.66	46.62	---	46.65	46.68	46.67	46.69	---	46.45	7
8	46.48	46.74	46.70	46.67	46.61	---	46.63	46.68	46.69	46.70	---	46.52	8
9	46.42	46.76	46.73	46.71	46.56	---	46.62	46.69	46.63	46.70	---	46.56	9
10	46.44	46.70	46.70	46.67	46.63	46.60	46.65	46.62	46.63	46.69	---	46.60	10
11	46.63	46.66	46.67	46.62	46.57	46.59	46.64	46.59	46.68	46.66	---	46.52	11
12	46.70	46.65	46.68	46.55	46.65	46.58	46.58	46.68	46.69	46.65	---	46.55	12
13	46.72	46.68	46.73	46.51	46.64	46.57	46.59	46.69	46.67	46.64	---	46.59	13
14	46.70	46.70	46.75	46.54	46.63	46.57	46.63	46.62	46.69	46.61	---	46.59	14
15	46.66	46.69	46.74	46.59	46.63	46.58	46.68	46.63	46.72	46.58	---	46.57	15
16	46.66	46.69	46.75	46.58	46.61	46.56	46.68	46.60	46.69	46.58	---	46.60	16
17	46.69	46.70	46.73	46.61	46.60	46.62	46.66	46.65	46.65	46.59	---	46.59	17
18	46.69	46.73	46.72	46.48	46.57	46.58	46.66	46.64	46.56	---	---	46.65	18
19	46.68	46.73	46.77	46.52	46.60	46.61	46.64	46.64	46.59	---	---	46.66	19
20	46.69	46.69	46.77	46.64	46.57	46.52	46.67	46.66	46.64	---	---	46.62	20
21	46.72	46.73	46.79	46.50	46.58	46.58	46.67	46.65	46.64	46.50	---	46.55	21
22	46.73	46.75	46.78	46.45	46.58	46.61	46.68	46.63	46.67	46.56	---	46.54	22
23	46.71	46.69	46.77	46.51	46.59	46.60	46.69	46.67	46.66	46.61	---	46.55	23
24	46.68	46.70	46.77	46.54	46.56	46.61	46.63	46.67	46.55	46.63	46.53	46.58	24
25	46.68	46.67	46.71	46.61	46.57	46.60	46.61	46.71	46.60	46.63	46.49	46.53	25
26	46.71	46.66	46.71	46.59	46.57	46.61	46.63	46.67	46.69	46.63	46.52	46.54	26
27	46.72	46.70	46.70	46.59	46.52	46.61	46.66	46.65	46.70	46.60	46.54	46.53	27
28	46.73	46.71	46.73	46.61	46.53	46.62	46.68	46.65	46.64	46.57	46.55	46.49	28
29	46.71		46.73	46.56	46.50	46.65	46.65	46.65	46.66	46.62	46.58	46.35	29
30	46.71		46.71	46.57	46.51	46.62	46.66	46.67	46.66	46.58	---	46.41	30
31	46.70		46.72		46.55		46.66	46.68		46.57		46.48	31
MEAN	46.62	46.70	46.72	46.60	46.58	---	46.65	46.66	46.66	---	---	---	MEAN
MAX	46.73	46.76	46.79	46.76	46.65	---	46.69	46.71	46.72	---	---	---	MAX
MIN	46.37	46.65	46.67	46.45	46.50	---	46.58	46.59	46.55	---	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 35 N
LONG 74 33 13 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DPO) (CANADA)

MAXIMUM INSTANTANEOUS,
46.84 AT 12:45 EST ON AUG 25

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 14940 SUMMERSTOWN, ONT

ST. LAWRENCE RIVER BELOW CORNWALL CANAL - STATION NO. 02MC022

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.77	47.29	47.13	46.98	46.87	46.80	46.90	46.88	46.96	46.85	46.81	46.88	1
2	46.69	47.28	47.09	46.86	46.83	46.79	46.86	46.95	46.98	46.88	46.86	46.86	2
3	46.79	47.26	47.10	46.79	46.82	46.80	46.93	46.95	46.86	46.92	46.82	46.81	3
4	46.83	47.23	47.09	46.83	46.84	46.84	46.93	46.92	46.86	46.89	46.85	46.76	4
5	46.66	47.22	47.11	46.86	46.82	46.86	46.93	46.92	46.90	46.88	46.84	46.82	5
6	46.80	47.23	47.11	46.93	46.85	46.89	46.93	46.95	46.90	46.87	46.72	46.72	6
7	46.70	47.26	47.11	46.90	46.88	46.85	46.92	46.94	46.92	46.96	46.78	46.70	7
8	46.66	47.29	47.09	46.92	46.86	46.82	46.91	46.95	46.93	46.94	46.80	46.77	8
9	46.62	47.31	47.12	46.95	46.83	46.82	46.90	46.95	46.87	46.94	46.85	46.81	9
10	46.65	47.25	47.09	46.91	46.89	46.85	46.93	46.88	46.87	46.94	46.82	46.85	10
11	46.96	47.20	47.08	46.87	46.84	46.84	46.92	46.86	46.93	46.89	46.81	46.77	11
12	47.14	47.19	47.08	46.80	46.91	46.85	46.84	46.94	46.94	46.88	46.78	46.82	12
13	47.15	47.22	47.12	46.76	46.90	46.84	46.86	46.95	46.92	46.87	46.75	46.85	13
14	47.15	47.23	47.14	46.78	46.89	46.83	46.90	46.87	46.93	46.84	46.83	46.84	14
15	47.14	47.22	47.13	46.85	46.88	46.85	46.95	46.88	46.98	46.80	46.80	46.83	15
16	47.12	47.19	47.13	46.83	46.85	46.82	46.95	46.86	46.93	46.80	46.76	46.86	16
17	47.15	47.19	47.12	46.87	46.86	46.89	46.93	46.90	46.90	46.83	46.75	46.86	17
18	47.21	47.21	47.10	46.72	46.83	46.84	46.93	46.89	46.81	46.85	46.79	46.93	18
19	47.22	47.20	47.13	46.73	46.84	46.88	46.92	46.88	46.84	46.81	46.81	46.92	19
20	47.22	47.17	47.14	46.85	46.81	46.78	46.95	46.91	46.89	46.79	46.86	46.88	20
21	47.24	47.19	47.15	46.68	46.83	46.85	46.95	46.90	46.89	46.78	46.82	46.78	21
22	47.23	47.20	47.14	46.65	46.84	46.87	46.95	46.87	46.92	46.79	46.79	46.78	22
23	47.25	47.14	47.13	46.70	46.84	46.86	46.97	46.91	46.91	46.83	46.82	46.83	23
24	47.25	47.14	47.12	46.76	46.82	46.87	46.90	46.92	46.80	46.86	46.76	46.83	24
25	47.25	47.10	47.06	46.86	46.81	46.87	46.88	46.97	46.85	46.86	46.72	46.75	25
26	47.28	47.09	47.06	46.87	46.81	46.88	46.90	46.91	46.93	46.86	46.76	46.75	26
27	47.30	47.12	47.06	46.88	46.78	46.88	46.93	46.89	46.95	46.83	46.79	46.76	27
28	47.33	47.13	47.07	46.89	46.78	46.89	46.95	46.90	46.87	46.80	46.80	46.71	28
29	47.30		47.07	46.82	46.75	46.92	46.91	46.90	46.90	46.85	46.84	46.55	29
30	47.28		47.05	46.82	46.76	46.89	46.93	46.92	46.90	46.80	46.86	46.63	30
31	47.26		47.02		46.80		46.94	46.94		46.79		46.70	31
MEAN	47.05	47.21	47.10	46.83	46.84	46.85	46.92	46.91	46.90	46.83	46.80	46.79	MEAN
MAX	47.33	47.31	47.15	46.98	46.91	46.92	46.97	46.97	46.98	46.96	46.86	46.93	MAX
MIN	46.62	47.09	47.02	46.65	46.75	46.78	46.84	46.86	46.80	46.70	46.72	46.55	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1982

MEAN, 46.92
MAXIMUM DAILY, 47.33 ON JAN 28
MINIMUM DAILY, 46.55 ON DEC 29
MAXIMUM INSTANTANEOUS,
47.42 AT 19:00 EST ON JAN 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 00 55 N
LONG 74 42 38 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DPO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE, AS STATION 14870 CORNWALL, ONT

ST. MARYS RIVER AT SAULT STE. MARIE - STATION NO. 02CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	1
2	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	2
3	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	3
4	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	4
5	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	5
6	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	6
7	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	7
8	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	8
9	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	9
10	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	10
11	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	11
12	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	12
13	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	13
14	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	14
15	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	15
16	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	16
17	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	17
18	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	18
19	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	19
20	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	20
21	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	21
22	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	22
23	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	23
24	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	24
25	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	25
26	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	26
27	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	27
28	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	28
29	1 290		1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	29
30	1 290		1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	30
31	1 290		1 290		1 730		2 220	2 390		2 530	2 840	2 800	31
TOTAL	39 990	36 120	39 990	39 300	53 630	63 000	68 820	74 090	72 000	78 430	85 200	86 800	TOTAL
MEAN	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	MEAN
MAX	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	MAX
MIN	1 290	1 290	1 290	1 310	1 730	2 100	2 220	2 390	2 400	2 530	2 840	2 800	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2 020

DATA CONTRIBUTED BY -
INTERNATIONAL LAKE SUPERIOR BOARD OF CONTROL

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 30 38 N
LONG 84 21 42 W
DRAINAGE AREA, 210 000 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 460 000	JUL	5 950 000
FEB	3 120 000	AUG	6 400 000
MAR	3 460 000	SEP	6 220 000
APR	3 400 000	OCT	6 780 000
MAY	4 630 000	NOV	7 360 000
JUN	5 440 000	DEC	7 500 000

TOTAL DISCHARGE, 63 700 000 dam³

ST. MARYS RIVER AT SAULT STE. MARIE (ABOVE) - STATION NO. 02BF011

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	182.97	---	182.80	182.81	182.87	183.07	182.96	183.14	183.07	183.15	183.23	183.07	1
2	182.64	---	182.77	182.56	182.88	183.09	182.95	183.04	183.17	182.99	183.25	183.01	2
3	182.86	---	182.70	---	182.84	183.03	182.94	183.03	183.28	183.12	183.22	183.12	3
4	182.92	---	182.71	---	182.76	183.00	182.94	183.14	183.13	183.05	183.24	183.14	4
5	182.77	---	182.73	182.83	182.80	183.00	182.88	183.12	183.16	183.08	183.36	183.12	5
6	---	---	182.71	182.79	182.88	182.98	182.92	183.11	183.15	183.03	183.33	183.27	6
7	---	---	182.74	---	182.89	182.89	182.96	183.10	183.07	183.08	183.23	---	7
8	---	---	182.67	---	182.90	183.00	182.98	183.11	183.05	183.16	183.34	---	8
9	---	---	182.72	---	182.90	182.95	182.98	183.21	183.08	183.05	183.23	---	9
10	---	---	---	---	---	183.01	182.97	183.20	183.06	182.99	183.10	---	10
11	---	---	---	---	---	183.00	183.11	183.16	183.06	183.12	183.23	---	11
12	---	---	---	---	---	183.02	183.10	183.15	183.07	183.15	---	---	12
13	---	---	---	---	---	183.02	183.02	183.11	183.10	183.19	---	---	13
14	---	---	---	---	---	182.98	183.04	183.11	183.12	183.22	---	---	14
15	---	---	---	---	---	183.05	183.02	183.10	183.09	183.31	---	183.12	15
16	---	---	---	---	---	183.05	183.02	183.13	183.12	183.24	183.17	183.10	16
17	---	---	---	---	---	183.03	183.04	183.15	183.09	183.11	183.10	182.96	17
18	---	---	---	---	---	183.04	183.09	183.09	183.14	183.11	183.06	183.01	18
19	---	---	---	---	---	183.05	183.10	183.12	183.09	183.16	183.04	183.15	19
20	---	---	---	---	183.03	183.02	183.07	183.15	183.18	183.28	183.06	183.20	20
21	---	---	---	---	183.09	183.04	183.06	183.11	183.13	183.23	183.20	183.13	21
22	---	---	---	182.83	183.02	183.06	183.14	183.13	183.08	183.18	183.12	183.07	22
23	---	---	---	182.80	183.02	183.03	183.11	183.14	183.06	183.17	183.24	183.01	23
24	---	182.74	---	182.78	183.04	183.00	183.06	183.12	183.09	183.14	183.18	183.12	24
25	---	182.73	---	182.78	183.04	183.08	183.10	183.12	183.10	183.17	183.19	183.18	25
26	---	182.74	182.78	182.82	183.02	183.01	183.10	183.15	183.07	183.14	183.21	183.16	26
27	---	182.74	182.73	182.87	183.01	183.00	183.11	183.19	183.09	183.10	183.14	183.10	27
28	---	182.65	182.68	182.86	183.02	183.03	183.14	183.19	183.01	183.09	183.08	183.22	28
29	---		182.65	182.82	183.03	183.03	183.14	183.08	182.99	183.13	183.11	183.23	29
30	---		182.59	182.83	183.02	183.07	183.07	183.14	183.08	183.18	183.06	183.20	30
31	---		182.75	182.84	183.06	183.07	183.07	183.08		183.16		183.16	31
MEAN	---	---	---	---	183.04		183.08	183.08					
MAX	---	---	---	---	---	183.02	183.04	183.13	183.10	183.14	---	---	MEAN
MIN	---	---	---	---	---	183.09	183.14	183.21	183.28	183.31	---	---	MAX
						182.89	182.88	183.03	182.99	182.99	---	---	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 30 49 N
LONG 84 22 20 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE AS 10980 SAULT STE MARIE (ABOVE), ONT

ST. MARYS RIVER AT SAULT STE. MARIE (BELOW) - STATION NO. 02CA005

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.39	176.44	176.43	176.44	176.47	176.51	176.71	176.81	176.83	176.79	176.81	176.93	1
2	176.50	176.50	176.43	176.53	176.49	176.51	176.70	176.79	176.88	176.85	176.79	176.95	2
3	176.50	176.44	176.43	176.51	176.53	176.56	176.70	176.84	176.82	176.80	176.80	176.99	3
4	176.45	176.45	176.43	176.44	176.57	176.60	176.71	176.80	176.79	176.82	176.84	176.95	4
5	176.46	176.47	176.42	176.57	176.58	176.61	176.74	176.80	176.74	176.82	176.88	176.99	5
6	176.53	176.46	176.47	176.47	176.58	176.62	176.76	176.83	176.68	176.83	176.88	177.00	6
7	176.53	176.53	176.41	176.48	176.56	176.73	176.75	176.85	176.81	176.88	176.91	177.01	7
8	176.59	176.52	176.44	176.50	176.52	176.66	176.73	176.87	176.85	176.85	176.84	177.02	8
9	176.50	176.48	176.41	176.49	176.53	176.69	176.73	176.85	176.87	176.85	176.83	177.00	9
10	176.50	176.48	176.44	176.50	176.56	176.66	176.75	176.80	176.86	176.96	176.88	177.08	10
11	176.58	176.50	176.43	176.48	176.56	176.71	176.86	176.81	176.80	176.85	176.86	177.02	11
12	176.60	176.47	176.44	176.51	176.54	176.70	176.71	176.81	176.80	176.88	176.97	177.02	12
13	176.50	176.44	176.49	176.46	176.54	176.67	176.79	176.84	176.86	176.85	176.87	177.06	13
14	176.47	176.44	176.46	176.50	176.53	176.69	176.75	176.82	176.84	176.85	176.89	177.04	14
15	176.50	176.47	176.48	176.49	176.54	176.68	176.76	176.84	176.80	176.80	176.87	176.97	15
16	176.51	176.44	176.45	176.48	176.54	176.66	176.79	176.82	176.79	176.78	176.98	176.86	16
17	176.56	176.43	176.40	176.47	176.54	176.70	176.78	176.75	176.87	176.81	176.94	176.90	17
18	176.54	176.42	176.45	176.48	176.57	176.68	176.79	176.83	176.77	176.87	176.91	176.99	18
19	176.50	176.44	176.44	176.53	176.58	176.67	176.75	176.86	176.89	176.86	176.87	176.84	19
20	176.46	176.46	176.40	176.47	176.53	176.72	176.77	176.82	176.85	176.95	176.92	176.79	20
21	176.41	176.42	176.39	176.48	176.54	176.69	176.79	176.82	176.82	176.82	176.90	176.76	21
22	176.47	176.46	176.43	176.55	176.53	176.69	176.77	176.91	176.79	176.85	176.88	176.82	22
23	176.50	176.43	176.46	176.58	176.55	176.68	176.76	176.87	176.83	176.84	176.86	176.84	23
24	176.42	176.41	176.48	176.58	176.55	176.73	176.78	176.84	176.87	176.85	176.90	176.79	24
25	176.50	176.41	176.45	176.55	176.57	176.70	176.77	176.82	176.80	176.86	176.99	176.81	25
26	176.50	176.44	176.39	176.48	176.57	176.70	176.76	176.88	176.81	176.82	176.95	176.77	26
27	176.56	176.42	176.37	176.45	176.55	176.71	176.77	176.80	176.79	176.82	176.94	176.84	27
28	176.51	176.40	176.44	176.49	176.56	176.71	176.72	176.69	176.84	176.84	176.94	176.85	28
29	176.53		176.48	176.47	176.58	176.65	176.78	176.75	176.88	176.88	176.92	176.83	29
30	176.50		176.46	176.47	176.54	176.62	176.83	176.84	176.85	176.90	176.93	176.86	30
31	176.43		176.49		176.59		176.79	176.82		176.83		176.92	31
MEAN	176.50	176.45	176.44	176.50	176.55	176.66	176.76	176.82	176.82	176.85	176.89	176.92	MEAN
MAX	176.60	176.53	176.49	176.58	176.59	176.73	176.86	176.91	176.89	176.96	176.99	177.08	MAX
MIN	176.39	176.40	176.37	176.44	176.47	176.51	176.70	176.69	176.68	176.78	176.79	176.76	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 176.68
MAXIMUM DAILY, 177.08 ON DEC 10
MINIMUM DAILY, 176.37 ON MAR 27
MAXIMUM INSTANTANEOUS,
177.20 AT 5:15 EST ON DEC 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 30 47 N
LONG 84 20 41 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM

REMARKS - DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE AS 11010 SAULT STE MARIE (BELOW), ONT

ST. MARYS RIVER NEAR GARDEN RIVER - STATION NO. 02CA003

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.058	24.052	24.072	24.114	24.149	24.140	24.277	24.350	24.332	24.269	24.269	24.372	1
2	24.160	24.120	24.064	24.161	24.161	24.150	24.279	24.335	24.381	24.324	24.260	24.381	2
3	24.168	24.067	24.062	24.153	24.171	24.174	24.276	24.385	24.322	24.292	24.286	24.414	3
4	24.080	24.068	24.061	24.087	24.196	24.201	24.272	24.358	24.337	24.298	24.343	24.372	4
5	24.065	24.096	24.047	24.184	24.211	24.206	24.313	24.344	24.306	24.302	24.339	24.392	5
6	24.159	24.089	24.102	24.113	24.207	24.220	24.339	24.353	24.240	24.309	24.335	24.396	6
7	24.140	24.167	24.059	24.119	24.210	24.302	24.343	24.367	24.309	24.369	24.378	24.414	7
8	24.200	24.147	24.068	24.148	24.163	24.240	24.307	24.387	24.348	24.327	24.301	24.421	8
9	24.124	24.115	24.053	24.141	24.162	24.255	24.309	24.365	24.377	24.315	24.274	24.409	9
10	24.117	24.116	24.077	24.160	24.181	24.239	24.314	24.312	24.362	24.430	24.339	24.523	10
11	24.105	24.136	24.067	24.142	24.192	24.285	24.417	24.325	24.336	24.334	24.337	24.437	11
12	24.206	24.099	24.069	24.146	24.165	24.273	24.291	24.327	24.329	24.352	24.410	24.462	12
13	24.116	24.073	24.129	24.119	24.165	24.240	24.338	24.348	24.355	24.327	24.325	24.491	13
14	24.085	24.068	24.103	24.135	24.155	24.256	24.310	24.341	24.310	24.316	24.351	24.479	14
15	24.110	24.084	24.111	24.132	24.161	24.259	24.315	24.347	24.278	24.264	24.388	24.415	15
16	24.125	24.062	24.081	24.123	24.154	24.222	24.341	24.338	24.264	24.228	24.446	24.316	16
17	24.169	24.052	24.040	24.139	24.159	24.267	24.347	24.289	24.359	24.275	24.381	24.384	17
18	24.159	24.042	24.087	24.136	24.189	24.244	24.358	24.330	24.272	24.346	24.360	24.517	18
19	24.117	24.059	24.084	24.163	24.199	24.239	24.313	24.369	24.378	24.335	24.348	24.388	19
20	24.075	24.093	24.062	24.108	24.159	24.288	24.320	24.332	24.331	24.410	24.392	24.319	20
21	24.048	24.055	24.044	24.131	24.162	24.264	24.340	24.312	24.287	24.294	24.376	24.280	21
22	24.073	24.076	24.090	24.183	24.146	24.271	24.326	24.414	24.281	24.321	24.350	24.338	22
23	24.123	24.076	24.115	24.211	24.161	24.258	24.314	24.365	24.312	24.309	24.300	24.358	23
24	24.085	24.051	24.136	24.233	24.177	24.303	24.339	24.341	24.344	24.332	24.295	24.321	24
25	24.107	24.045	24.109	24.217	24.200	24.283	24.337	24.319	24.275	24.327	24.418	24.334	25
26	24.110	24.086	24.045	24.150	24.198	24.270	24.320	24.380	24.292	24.296	24.372	24.308	26
27	24.182	24.075	24.027	24.126	24.174	24.283	24.324	24.298	24.289	24.292	24.353	24.372	27
28	24.137	24.046	24.091	24.155	24.176	24.289	24.288	24.352	24.321	24.309	24.391	24.380	28
29	24.144		24.131	24.146	24.200	24.238	24.328	24.303	24.364	24.368	24.347	24.360	29
30	24.132		24.106	24.148	24.170	24.208	24.372	24.350	24.340	24.377	24.374	24.405	30
31	24.057		24.152		24.210		24.337	24.315		24.310		24.464	31
MEAN	24.119	24.083	24.082	24.147	24.177	24.246	24.323	24.340	24.321	24.321	24.347	24.394	MEAN
MAX	24.206	24.167	24.152	24.233	24.211	24.303	24.417	24.414	24.381	24.430	24.446	24.523	MAX
MIN	24.045	24.042	24.027	24.087	24.146	24.140	24.272	24.252	24.240	24.224	24.260	24.280	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 24.243
MAXIMUM DAILY, 24.523 ON DEC 10
MINIMUM DAILY, 24.027 ON MAR 27
MAXIMUM INSTANTANEOUS,
24.618 AT 04:41 EST ON DEC 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 57 N
LONG 84 07 58 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 152.400 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

STEEL RIVER NEAR TERRACE BAY - STATION NO. 02BA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.85B	2.70B	1.89B	2.27	24.5	33.9	15.6	12.2	5.64	11.2	27.5	37.8	1
2	2.85B	2.70B	1.87B	2.30	34.8	31.9	14.8	11.5	5.99	11.3	26.8	38.1	2
3	2.84B	2.69B	1.85B	2.37B	46.7	29.7	14.4	11.7	6.15	13.3	26.0	38.2	3
4	2.84B	2.69B	1.84B	2.45B	58.5E	28.1	13.8	11.6	6.04	14.0	25.3	37.6	4
5	2.83B	2.68B	1.83B	2.51B	72.5E	26.6	13.1	11.3	5.87	14.6	24.5	37.5	5
6	2.82B	2.65B	1.82B	2.58B	87.5E	25.4	13.5	10.9	5.83	15.6	23.5	37.1	6
7	2.82B	2.62B	1.82B	2.63B	97.6	24.4	16.1	10.6	5.76	25.2	22.8	35.7	7
8	2.81B	2.60B	1.81B	2.70B	101	22.9	16.9	10.1	5.65	26.2	21.8	32.7	8
9	2.81B	2.57B	1.80B	2.74B	104	21.8	16.2	9.98	5.66	28.7	21.4	28.8	9
10	2.80B	2.53B	1.80B	2.83	105	25.5	19.3	9.79	5.43	31.6	21.2	26.2	10
11	2.80B	2.50B	1.79B	2.80	109	26.0	22.7	9.33	5.38	33.8	21.2	24.1	11
12	2.80B	2.48B	1.79B	2.83	108	26.4	23.5	9.15	5.07	34.4	21.7	23.1	12
13	2.79B	2.44B	1.78B	2.87	106	26.8	23.5	8.88	5.38	35.9	20.1	22.7	13
14	2.79B	2.40B	1.78B	2.80	104	27.2	23.8	8.67	5.61	36.4	18.8	22.3	14
15	2.78B	2.37B	1.77B	2.97	100	27.2	23.3	8.62	5.67	36.0	17.7	21.9	15
16	2.78B	2.33B	1.77B	3.11	97.0	26.2	22.9	8.53	5.55	34.9	17.8E	21.6	16
17	2.77B	2.29B	1.77B	3.25	94.5	25.5	22.9	8.09	5.57	33.8	18.0	21.2	17
18	2.77B	2.24B	1.76B	3.27	90.6	24.4	22.4	7.75	5.56	32.8	17.9	21.5	18
19	2.76B	2.20B	1.76B	3.09	86.5	23.1	22.2	7.66	5.98	32.4	18.0	21.5	19
20	2.76B	2.15B	1.76B	3.02	81.8	22.1	21.0	7.53	6.31	31.4	25.0	21.1	20
21	2.75B	2.10B	1.76B	3.00	77.2	21.3	20.3	7.46	6.16	30.8	36.2	20.3	21
22	2.75B	2.06B	1.75B	2.82	72.5	20.7	19.6	7.46	6.06	30.3	49.2	19.9	22
23	2.74B	2.02B	1.75B	3.00	67.4	20.3	18.7	7.32	6.15	30.5	57.6	19.1	23
24	2.74B	2.00B	1.75B	3.50	62.7	19.6	17.5	7.32	6.58	29.9	57.6	18.7	24
25	2.73B	1.98B	1.75B	4.35	58.2	19.3	16.6	7.09	7.10	29.7	53.5	18.1	25
26	2.73B	1.96B	1.76B	5.63	54.1	18.9	16.1	6.78	7.14	29.2	47.8	17.4	26
27	2.72B	1.94B	1.78B	7.07	49.8	17.9	15.4	6.37	7.16	28.7	40.7	16.7	27
28	2.72B	1.92B	1.85B	9.34	46.8	17.6	15.0	6.12	7.28	28.3	36.3	15.8B	28
29	2.71B		1.94B	12.7	43.0	17.1	13.9	5.80	9.36	28.3	35.1	15.1B	29
30	2.71B		2.03B	17.2	39.3	16.3	13.3	5.92	11.3	28.3	35.7	14.6B	30
31	2.70B		2.20		36.5		12.6	5.61		28.0		14.2B	31
TOTAL	86.07	65.81	56.38	124.00	2 317.0	714.1	562.9	267.13	188.39	855.5	886.7	760.6	TOTAL
MEAN	2.78	2.35	1.82	4.13	74.7	23.8	18.2	8.62	6.28	27.6	29.6	24.5	MEAN
MAX	2.85	2.70	2.20	17.2	109	33.9	23.8	12.2	11.3	36.4	57.6	38.2	MAX
MIN	2.70	1.92	1.75	2.27	24.5	16.3	12.6	5.61	5.07	11.2	17.7	14.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.9
MAXIMUM DAILY, 109 ON MAY 11
MINIMUM DAILY, 1.75B ON MAR 22
MAXIMUM INSTANTANEOUS,
109 AT 10:05 EST ON MAY 11

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 46 40 N
LONG 86 53 04 W
DRAINAGE AREA, 1 190 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 480	JUL	48 600
FEB	5 690	AUG	23 100
MAR	4 870	SEP	16 300
APR	10 700	OCT	73 900
MAY	200 000	NOV	76 600
JUN	61 700	DEC	65 700

TOTAL DISCHARGE, 595 000 dam³

STOKES RIVER NEAR FERNDALE - STATION NO. 02FA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.500B	0.430B	0.215B	12.2	0.493	0.185	0.090	0.050	0.087	0.354	0.245	1.63	1
2	0.600B	0.415B	0.230B	9.74	0.446	0.188	0.084	0.052	0.168	0.382	0.271	2.11	2
3	0.580B	0.395B	0.225B	8.18	0.409	0.158	0.079	0.071	0.207	0.305	0.349	4.11	3
4	1.50 B	0.380B	0.222B	5.73	0.348	0.139	0.077	0.110	0.195	0.353	0.315	3.48	4
5	3.40 B	0.360B	0.220B	6.29	0.289	0.132	0.074	0.093	0.184	0.366	0.322	2.87	5
6	2.40 B	0.350B	0.216B	4.15 B	0.289	0.141	0.072	0.072	0.304	0.366E	0.339	2.69	6
7	2.17 B	0.335B	0.214B	3.51 B	0.361	0.116	0.070	0.058	0.267	0.366E	0.333	2.00	7
8	2.02 B	0.325B	0.212B	2.85 B	0.487	0.110	0.067	0.054	0.221	0.275	0.335	1.66	8
9	1.90 B	0.315B	0.211B	2.79 B	0.487	0.105	0.063	0.067	0.198	0.275	0.335	1.48 B	9
10	1.72 B	0.305B	0.240B	2.58 B	0.474	0.100	0.061	0.068	0.167	0.268	0.315	1.30 B	10
11	1.62 B	0.295B	0.500B	2.48 B	0.447	0.095	0.060	0.070	0.132	0.274	0.422	1.24 B	11
12	1.52 B	0.290B	1.50 B	2.69	0.408	0.091	0.062	0.070	0.099	0.278	1.97	1.20 B	12
13	1.32 B	0.282B	3.00 B	5.46	0.390	0.096	0.058	0.071	0.068	0.269	1.62	1.16 B	13
14	1.20 B	0.275B	6.80 B	5.42	0.387	0.088	0.057	0.068	0.040	0.244	1.44	1.15	14
15	1.12 B	0.280B	6.70 B	5.17	0.356	0.118	0.060	0.056	0.037	0.209	1.37	1.07	15
16	1.10 B	0.267B	6.60 B	4.95	0.327	0.173	0.056	0.056	0.043	0.201	1.25	1.30 B	16
17	0.980B	0.262B	7.20 B	6.77	0.312	0.135	0.053	0.046	0.042	0.199	1.19	1.17 B	17
18	0.920B	0.255B	7.60 B	6.19	0.281	0.135	0.056	0.043	0.221	0.208	1.12	1.06 B	18
19	0.865B	0.252B	7.20 B	4.81	0.273	0.237	0.047	0.044	0.201	0.249	1.04	0.999	19
20	0.820B	0.249B	7.00 B	4.54	0.300	0.233	0.043	0.050	0.183	0.267	1.21	0.997	20
21	0.750B	0.242B	6.20 B	3.65	0.272	0.216	0.112	0.048	0.165	0.287	1.42	0.983	21
22	0.710B	0.240B	5.60 B	2.81	0.247	0.168	0.052	0.078	0.135	0.275	1.32	0.937	22
23	0.670B	0.235B	5.45 B	2.15	0.248	0.140	0.054	0.129	0.127	0.260	1.54	1.09	23
24	0.640B	0.230B	5.35 B	1.76	0.272	0.135	0.050	0.113	0.142	0.249	1.61	1.87	24
25	0.605B	0.225B	5.25 B	1.45	0.240	0.139	0.052	0.115	0.153	0.243	1.41	3.26	25
26	0.570B	0.222B	4.80 B	1.19	0.214	0.136	0.054	0.119	0.171	0.241	1.33	2.47	26
27	0.545B	0.221B	4.00 B	1.01	0.189	0.119	0.053	0.118	0.205	0.238	1.19	1.82	27
28	0.520B	0.219B	3.50 B	0.838	0.184	0.106	0.054	0.113	0.351	0.238	1.13	2.39	28
29	0.490B		3.00 B	0.691	0.179	0.099	0.068	0.109	0.344	0.244	2.24	1.96	29
30	0.470B		3.02 B	0.592	0.165	0.091	0.048	0.104	0.322	0.245	1.84	1.70 B	30
31	0.450B		19.0 B		0.150		0.061	0.095		0.244		1.60 B	31
TOTAL	34.675	8.151	121.475	122.641	9.924	4.124	1.947	2.406	5.179	8.472	38.821	54.756	TOTAL
MEAN	1.12	0.291	3.92	4.09	0.320	0.137	0.063	0.078	0.173	0.273	1.03	1.77	MEAN
MAX	3.40	0.430	19.0	12.2	0.493	0.237	0.112	0.129	0.351	0.382	2.24	4.11	MAX
MIN	0.450	0.219	0.211	0.592	0.150	0.088	0.043	0.043	0.037	0.199	0.245	0.937	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.11
MAXIMUM DAILY, 19.0B ON MAR 31
MINIMUM DAILY, 0.037 ON SEP 15

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 02 10 N
LONG 81 20 10 W
DRAINAGE AREA, 50.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 000	JUL	168
FEB	704	AUG	208
MAR	10 500	SEP	447
APR	10 600	OCT	732
MAY	857	NOV	2 660
JUN	356	DEC	4 730

TOTAL DISCHARGE, 35 000 dam³

STOUFFVILLE CREEK BELOW STOUFFVILLE - STATION NO. 02HC035

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.096B	0.105B	0.096	1.67	0.068	---	---	---	---	---	---	---	1
2	0.104B	0.106B	0.093B	0.768	0.067	---	---	---	---	---	---	---	2
3	0.093B	0.106B	0.092B	1.76	0.067	---	---	---	---	---	---	---	3
4	0.236	0.105B	0.111B	0.884	0.066	---	---	---	---	---	---	---	4
5	0.155B	0.105B	0.105B	0.340B	0.078	---	---	---	---	---	---	---	5
6	0.115B	0.105B	0.093	0.195B	0.083	---	---	---	---	---	---	---	6
7	0.112B	0.105B	0.093	0.173B	0.087	---	---	---	---	---	---	---	7
8	0.111B	0.105B	0.090B	0.166	0.172	---	---	---	---	---	---	---	8
9	0.110B	0.104B	0.090B	0.232	0.109	---	---	---	---	---	---	---	9
10	0.109B	0.104B	0.084	0.301	0.086	---	---	---	---	---	---	---	10
11	0.108B	0.104B	0.102	0.342	0.079	---	---	---	---	---	---	---	11
12	0.107B	0.104B	0.113B	0.313	0.076	---	---	---	---	---	---	---	12
13	0.107B	0.103B	0.360B	0.604	0.073	---	---	---	---	---	---	---	13
14	0.107B	0.101	0.412	0.439	0.069	---	---	---	---	---	---	---	14
15	0.108B	0.108	0.331	0.398	0.068	---	---	---	---	---	---	---	15
16	0.106B	0.114	0.281	0.446	0.067	---	---	---	---	---	---	---	16
17	0.105B	0.103	0.328	0.833	0.065	---	---	---	---	---	---	---	17
18	0.104B	0.106	0.338	0.385	0.064	---	---	---	---	---	---	---	18
19	0.104B	0.110	0.352	0.234	0.068	---	---	---	---	---	---	---	19
20	0.104B	0.116	0.502	0.543	0.067A	---	---	---	---	---	---	---	20
21	0.104B	0.126	0.530	0.353	---	---	---	---	---	---	---	---	21
22	0.104B	0.113	0.475	0.208	---	---	---	---	---	---	---	---	22
23	0.104B	0.108	0.561	0.163	---	---	---	---	---	---	---	---	23
24	0.104B	0.100B	0.883	0.156	---	---	---	---	---	---	---	---	24
25	0.104B	0.108B	0.652	0.151	---	---	---	---	---	---	---	---	25
26	0.103B	0.097	0.474	0.154	---	---	---	---	---	---	---	---	26
27	0.103B	0.101	0.370B	0.152	---	---	---	---	---	---	---	---	27
28	0.102B	0.098	0.279B	0.110	---	---	---	---	---	---	---	---	28
29	0.102B		0.337	0.069	---	---	---	---	---	---	---	---	29
30	0.102B		0.570	0.068	---	---	---	---	---	---	---	---	30
31	0.102B		2.67		---		---	---		---	---	---	31
TOTAL	3.435	2.970	11.667	12.610	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.111	0.106	0.376	0.420	---	---	---	---	---	---	---	---	MEAN
MAX	0.236	0.126	2.67	1.76	---	---	---	---	---	---	---	---	MAX
MIN	0.093	0.097	0.084	0.068	---	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.67 ON MAR 31

MAXIMUM INSTANTANEOUS,
3.69 AT 15:19 EST ON MAR 31

REMARKS - GAUGE DISCONTINUED MAY 20

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 19 N
LONG 79 13 57 W
DRAINAGE AREA, 15.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	297	JUL	---
FEB	257	AUG	---
MAR	1 010	SEP	---
APR	1 090	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

STURGEON CREEK NEAR LEAMINGTON - STATION NO. 02GH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.140B	0.100B	0.145B	0.303	0.071	0.066	0.078	0.036	0.057	0.073	0.739	0.551	1
2	0.145B	0.085B	0.150B	0.214	0.067	0.054	0.080	0.044	0.075	0.062	2.86	0.459	2
3	0.250B	0.084B	0.160B	0.553	0.063	0.047	0.197	0.051	0.062	0.042	0.882	0.397	3
4	2.10	0.083B	0.180B	0.238	0.062	0.045	0.094	0.054	0.057	0.038	0.558	0.541	4
5	0.585	0.083B	0.195B	0.152	0.061	0.060	0.084	0.045	0.038	0.037	0.344	0.650	5
6	0.290B	0.082B	0.150B	0.503	0.059	0.060	0.075	0.039	0.046	0.038	0.213	0.586	6
7	0.240B	0.082B	0.138B	0.738	0.087	0.054	0.080	0.036	0.075	0.061	0.167	0.337	7
8	0.180B	0.081B	0.155B	0.675	0.075	0.051	0.076	0.152	0.067	0.057	0.144	0.256	8
9	0.135B	0.081B	0.165B	0.685	0.066	0.047	0.071	0.056	0.070	0.047	0.132	0.219	9
10	0.123B	0.080B	0.130B	0.442	0.061	0.048	0.063	0.043	0.056	0.070	0.213	0.205	10
11	0.115B	0.079B	15.8	0.477	0.060	0.047	0.082	0.035	0.059	0.062	0.273	0.178	11
12	0.105B	0.078B	5.59	0.445	0.061	0.044	0.053	0.041	0.031	0.048	0.680	0.133	12
13	0.100B	0.077B	18.9	0.407	0.073	0.036	0.031	0.037	0.031	0.048	0.466	0.100	13
14	0.090B	0.076B	2.23	0.220	0.065	0.037	0.031	0.029	0.036	0.049	0.278	0.095	14
15	0.085B	0.075B	1.31	0.169	0.062	0.053	0.039	0.031	0.043	0.046	0.188	0.345	15
16	0.080B	0.180B	1.41	0.328	0.056	0.070	0.037	0.034	0.042	0.043	0.152	1.85	16
17	0.075B	0.150B	0.954	0.732	0.055	0.060	0.040	0.045	0.039	0.049	0.132	0.716	17
18	0.073B	0.130B	0.629	0.321	0.053	0.048	0.032	0.036	0.177	0.049	0.113	0.440	18
19	0.070B	0.120B	0.503	0.197	0.053	0.070	0.030	0.040	0.037	0.049	0.105	1.17	19
20	0.065B	0.120B	0.445	0.169	0.057	0.089	0.024	0.205	0.038	0.078	1.15	1.12	20
21	0.068B	0.125B	0.412	0.120	0.057	0.095	0.024	0.108	0.046	0.061	2.38	0.561	21
22	0.080B	0.140B	0.342	0.098	0.059	0.070	0.026	0.047	0.053	0.061	0.735	0.394	22
23	0.130B	0.145B	0.332	0.092	0.065	0.057	0.032	0.057	0.071	0.058	0.456	0.686	23
24	0.240B	0.160B	0.325	0.090	0.056	0.053	0.028	0.068	0.101	0.058	0.880	0.697	24
25	0.220B	0.155B	0.377	0.085	0.058	0.054	0.019	0.062	0.103	0.067	0.324	2.02	25
26	0.140B	0.150B	0.376	0.088	0.063	0.061	0.069	0.056	0.054	0.067	0.319	1.28	26
27	0.103B	0.147B	0.271	0.079	0.123	0.068	0.045	0.058	1.33	0.066	0.358	0.940	27
28	0.100B	0.145B	0.221	0.071	0.157	0.082	0.288	0.059	0.598	0.061	1.02	1.37	28
29	0.095B		0.232	0.068	0.092	0.085	0.056	0.039	0.235	0.062	0.906	0.608	29
30	0.180B		0.283	0.066	0.070	0.085	0.046	0.041	0.116	0.062	0.600	0.331	30
31	0.125B		0.514		0.064		0.039	0.055		0.175		0.236	31
TOTAL	6.527	3.093	53.024	8.825	2.131	1.796	1.969	1.739	3.843	1.838	17.767	19.471	TOTAL
MEAN	0.211	0.110	1.71	0.294	0.069	0.060	0.064	0.056	0.128	0.059	0.592	0.628	MEAN
MAX	2.10	0.180	18.9	0.738	0.157	0.095	0.288	0.205	1.33	0.175	2.86	2.02	MAX
MIN	0.065	0.075	0.130	0.066	0.053	0.036	0.019	0.029	0.031	0.037	0.105	0.095	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.334
MAXIMUM DAILY, 18.9 ON MAR 13
MINIMUM DAILY, 0.019 ON JUL 25
MAXIMUM INSTANTANEOUS,
37.4 AT 06:42 EST ON MAR 13

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 02 44 W
LONG 82 34 29 W
DRAINAGE AREA, 14.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	564	JUL	170
FEB	267	AUG	150
MAR	4 580	SEP	332
APR	762	OCT	159
MAY	184	NOV	1 540
JUN	155	DEC	1 680

TOTAL DISCHARGE, 10 500 dam³

STURGEON RIVER AT CRYSTAL FALLS - STATION NO. 02DC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	70.6	62.9	57.6	85.4	236	54.3	24.4	0	12.2	61.9	88.4	134	1
2	69.8	63.3	58.8	86.0	237	55.0	22.6	6.43	13.4	60.8	88.4	131	2
3	65.7	65.6	56.1	91.4	240	56.4	20.8	13.6	15.7	58.4	93.5	134	3
4	72.2	69.9	60.1	93.3	238	59.9	19.3	13.4	18.9	59.3	93.7	148	4
5	73.3	68.2	57.4	86.4	222	58.9	22.3	15.5	19.5	61.1	88.7	145	5
6	72.9	73.4	56.8	88.9	199	57.8	22.9	16.2	20.6	61.1	89.5	179	6
7	75.1	71.0	62.6	86.5	188	57.5	22.9	9.49	21.4	62.2	90.3	183	7
8	73.3	71.5	59.1	79.1	180	54.0	22.9	7.65	22.3	74.0	87.6	185	8
9	69.9	73.2	64.8	74.7	171	50.0	23.1	10.3	22.9	86.3	85.9	174	9
10	70.2	71.1	63.7	77.4	140	48.0	12.5	10.3	22.2	100	84.5	150	10
11	71.5	75.4	64.9	78.2	126	46.8	10.6	11.3	19.8	98.7	84.4	145	11
12	72.8	76.8	61.4	77.0	121	46.8	16.0	10.9	20.8	94.3	90.2	141	12
13	73.0	76.0	64.1	90.8	109	35.4	21.9	11.3	21.4	95.4	107	117	13
14	71.4	69.9	68.3	103	98.0	27.1	22.3	8.04	21.0	97.0	112	126	14
15	68.6	70.1	64.8	120	82.8	34.6	21.6	7.56	22.1	104	114	136	15
16	71.0	70.7	63.5	138	80.2	37.1	20.4	9.91	22.7	110	112	131	16
17	70.5	73.3	63.0	194	77.3	37.1	12.1	11.3	25.2	107	110	130	17
18	66.5	71.2	62.8	234	74.8	36.8	8.13	11.3	36.9	105	110	109	18
19	67.1	69.8	60.5	235	71.9	41.3	14.8	11.3	41.5	105	109	117	19
20	71.7	67.1	62.4	228	74.8	44.4	18.8	11.3	50.0	102	113	121	20
21	67.1	66.1	60.9	232	73.4	25.5	20.7	7.99	56.5	108	128	114	21
22	63.1	61.8	67.6	221	69.7	27.1	18.6	7.08	59.7	112	145	95.1	22
23	64.4	61.4	76.6	226	69.2	29.5	17.2	8.41	62.6	124	149	97.6	23
24	67.7	64.4	73.0	239	70.6	35.2	5.78	9.57	67.4	135	138	99.5	24
25	64.5	64.4	70.4	262	70.6	36.6	5.80	9.12	72.0	134	128	103	25
26	61.9	64.4	69.7	291	68.6	37.2	19.3	12.4	83.6	121	128	125	26
27	63.1	64.0	66.8	301	60.6	37.5	20.0	12.9	80.6	114	127	126	27
28	65.4	57.6	65.0	278	56.7	34.2	15.5	7.84	77.9	113	122	131	28
29	66.3		66.4	264	57.6	32.7	17.6	9.06	70.2	113	129	158	29
30	66.3		61.4	251	58.2	35.2	20.2	10.4	66.9	100	136	160	30
31	63.5		73.0		56.7		4.08	11.9		88.4		162	31
TOTAL	2 130.4	1 914.5	1 983.5	4 912.1	3 678.7	1 269.9	545.09	313.75	1 167.9	2 961.9	3 282.1	4 207.2	TOTAL
MEAN	68.7	68.4	64.0	164	119	42.3	17.6	10.1	38.9	95.5	109	136	MEAN
MAX	75.1	76.8	76.6	301	240	59.9	24.4	16.2	83.6	135	149	185	MAX
MIN	61.9	57.6	56.1	74.7	56.7	25.5	4.08	0	12.2	58.4	84.4	95.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 77.7
MAXIMUM DAILY, 301 ON APR 27
MINIMUM DAILY, 0 ON AUG 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 27 00 N
LONG 79 51 47 W
DRAINAGE AREA, 6 660 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	184 000	JUL	67 100
FEB	165 000	AUG	27 100
MAR	171 000	SEP	101 000
APR	424 000	OCT	256 000
MAY	318 000	NOV	284 000
JUN	110 000	DEC	364 000

TOTAL DISCHARGE, 2 450 000 dam³

STURGEON RIVER AT LOWER GOOSE FALLS - STATION NO. 02DC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.92B	8.20B	6.60B	8.88B	116	27.6	13.0	7.00E	5.92	26.8	29.6	27.8	1
2	9.58B	8.10B	6.60B	9.90B	117	30.5	12.6	6.70E	8.22	24.7	28.6	27.3	2
3	9.36B	8.10B	6.63B	10.4 B	116	30.0	12.1	6.30E	9.73	23.2	28.1	29.5	3
4	9.46B	8.00B	6.39B	11.0 B	113	29.0	11.6	6.00E	10.9	21.8	27.6	31.7	4
5	9.62B	7.90B	6.42B	11.4 B	107	27.9	11.0	5.70E	11.0	20.3	27.1	32.1	5
6	9.94B	7.80B	6.44B	11.7 B	101	26.3	10.6	5.50E	12.8	19.4	26.2	35.4	6
7	10.4 B	7.70B	6.25B	12.1	94.3	24.6	10.4	5.30E	14.1	20.9	25.5	38.2	7
8	10.3 B	7.60B	5.96B	11.9	88.7	22.9	10.1	5.20E	14.0	27.4	24.8	38.1	8
9	10.1 B	7.60B	5.92B	12.1	82.1	21.8	9.69	5.30E	13.3	36.1	23.7	33.9	9
10	10.0 B	7.50B	6.10B	12.3	75.2	20.7	9.36	5.30E	12.4	41.4	22.4	32.9	10
11	10.0 B	7.50B	6.13B	12.8	68.8	20.0	9.44	5.40E	11.5	43.6	21.8	32.8	11
12	9.90B	7.50B	6.22B	13.3	63.1	19.0	9.84	5.30E	10.7	43.9	23.4	30.3	12
13	9.80B	7.40B	6.79B	14.0	58.3	18.2	10.1	5.20E	10.0	43.4	29.1	28.3	13
14	9.77B	7.40B	7.34B	15.2	53.9	17.1	10.0	5.20E	9.95	42.2	32.7	28.1	14
15	9.81B	7.30B	7.56B	16.8	50.5	16.5	10.1	5.00E	10.9	41.4	34.8	29.5	15
16	9.81B	7.20B	7.29B	19.4	47.0	16.4	10.4	4.88	12.5	41.0	35.3	29.3	16
17	9.60B	7.10B	7.29B	25.2	44.0	16.0	10.8	4.87	13.6	40.4	34.7	26.6	17
18	9.50B	7.10B	7.51B	34.4	42.6	15.6	10.9	4.68	17.6	39.9	33.5	24.9	18
19	9.22B	7.13B	7.48B	41.4	43.3	15.4	11.0	4.64	21.6	39.7	32.1	26.2	19
20	8.98B	7.18B	7.42B	46.6	43.1	16.0	10.8	4.73	23.9	40.5	31.3	26.2	20
21	8.90B	7.18B	7.26B	49.9	42.5	16.3	10.5	4.64	27.3	42.3	34.8	24.8	21
22	8.80B	7.27B	7.26B	51.4	41.1	16.4	10.0	4.56	35.0	43.2	37.7	22.7	22
23	8.70B	7.29B	7.00B	53.0	39.2	16.3	9.51	5.41	40.7	43.5	38.7	22.2	23
24	8.60B	7.14B	6.97B	59.3	37.2	15.8	8.99	6.25	41.5	42.4	38.1	23.5	24
25	8.60B	6.78B	7.19B	73.9	35.2	15.8	8.65	6.47	40.2	41.2	36.6	24.6	25
26	8.50B	6.71B	7.21B	95.9	33.2	15.5	8.32	6.25	38.4	39.0	34.6	25.7	26
27	8.40B	6.78B	6.81B	114	31.2	14.9	8.03	6.59	36.1	36.9	33.0	25.6	27
28	8.40B	6.70B	6.17B	120	29.5	14.7	8.10	6.61	33.5	35.1	32.0	26.0	28
29	8.30B		6.31B	118	28.3	14.4	7.90	6.22	30.9	33.5	31.2	27.6	29
30	8.30B		7.06B	117	27.3	13.6	7.62	5.97	28.9	32.4	29.0	27.2	30
31	8.20B		7.93B		26.4		7.24	5.78		30.9		26.9	31
TOTAL	288.77	207.16	211.51	1 203.18	1 896.0	585.2	308.69	172.95	607.12	1 098.4	918.0	885.9	TOTAL
MEAN	9.32	7.40	6.82	40.1	61.2	19.5	9.96	5.58	20.2	35.4	30.6	28.6	MEAN
MAX	10.4	8.20	7.93	120	117	30.5	13.0	7.00	41.5	43.9	38.7	38.2	MAX
MIN	8.20	6.70	5.92	8.88	26.4	13.6	7.24	4.56	5.92	19.4	21.8	22.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.0
MAXIMUM DAILY, 120 ON APR 28
MINIMUM DAILY, 4.56 ON AUG 22
MAXIMUM INSTANTANEOUS,
121 AT 15:35 EST ON APR 28

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 56 13 N
LONG 80 25 53 W
DRAINAGE AREA, 1 800 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 900	JUL	26 700
FEB	17 900	AUG	16 900
MAR	18 300	SEP	53 500
APR	104 000	OCT	94 900
MAY	164 000	NOV	79 300
JUN	50 600	DEC	76 500

TOTAL DISCHARGE, 735 000 dam³

STURGEON RIVER AT MCDOUGALL MILLS - STATION NO. 05QA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.8 E	10.3	10.4	10.6	21.2	73.2	45.7	40.1	30.6	23.4	43.0	34.7	1
2	10.9 E	10.4	10.5	10.8	23.9	72.1	45.1	38.6	29.6	23.9	42.6	34.6	2
3	10.9 E	10.6	10.5	10.5	26.9	69.8	45.1	38.6	29.1	25.9	42.5	33.9	3
4	10.9 E	10.5	10.6	10.6	29.6	68.6	44.2	38.4	28.2	26.6	41.9	33.9	4
5	10.9 E	10.5	10.3	10.5	33.3	68.2	42.8	38.1	28.1	26.5	41.1	33.4	5
6	10.9 E	10.5	10.1	10.5	36.8	67.3	43.0	37.3	27.7	28.9	40.8	32.5	6
7	11.0 E	10.6	10.1	10.7	39.6	65.5	41.8	37.2	27.2	28.7	40.6	32.2	7
8	11.0 A	10.5	10.2	10.9	42.6	64.5	40.5	38.0	26.4	29.2	39.9	31.7	8
9	10.6	10.2	10.2	10.6	47.0	63.7	41.7	38.6	26.3	31.4	39.9	31.6	9
10	10.7	10.2	10.3	10.4	48.4	63.6	41.6	37.9	26.3	32.3	39.3	31.1	10
11	10.9	10.2	10.2	10.2	49.3	64.8	41.8	37.6	25.9	33.2	39.3	30.7	11
12	10.7	10.3	10.3	11.0	51.1	64.3	41.8	37.4	25.3	35.1	38.4	30.4	12
13	10.9	10.2	10.5	10.8	51.8	64.2	41.8	37.5	25.5	36.2	38.0	30.3	13
14	10.8	10.2	10.6	10.7	52.8	64.0	41.8	37.6	26.1	37.2	37.6	29.9	14
15	10.6	10.2	10.6	10.6	55.3	62.9	41.8	37.0	25.6	38.7	37.5	29.4	15
16	10.6	10.3	11.0	10.5	55.7	61.6	41.5	36.7	24.9	40.1	37.0	29.2	16
17	10.5	10.6	10.6	10.6	56.4	61.1	41.3	36.2	24.7	41.6	36.6	29.1	17
18	10.3	10.8	10.7	10.6	59.3	59.9	41.9	36.0	24.7	41.7	36.4	28.9	18
19	10.3 A	10.9	10.2	10.9	64.7A	58.9	42.0	36.0	24.8	42.6	36.4	28.5	19
20	10.2 A	10.8	9.98	10.8	68.7A	57.8	41.4	35.8	24.7	43.4	36.4	28.0	20
21	10.2	10.8	9.96	11.0	70.1	57.0	42.4	35.5	24.3	43.5	35.3	27.7	21
22	10.3	10.3	10.2	10.7	73.0	55.9	42.3	35.2	24.2	43.6	36.2	27.7	22
23	10.1	10.4	10.2	11.3	75.7	54.6	41.7	34.7	24.2	43.8	35.9	27.8	23
24	10.2	10.8	10.3	12.1	77.3	53.3	41.8	34.0	24.1	43.5	35.6	27.7	24
25	9.95	10.5	10.4	13.1	78.0	52.4	41.8	33.4	23.8	43.5	35.5	27.2	25
26	10.2	10.4	10.4	13.9	78.7	51.1	41.9	32.6	23.4	44.4	35.2	26.8	26
27	10.3	10.2	10.4	15.3	79.2	49.8	41.7	31.7	23.5	44.4	35.1	26.5	27
28	10.3	10.4	10.8	15.4	78.8	49.4	41.1	31.5	24.8	44.0	35.1	26.0	28
29	10.2		11.1	17.0	77.2	48.3	40.6	31.3	24.3	43.6	34.9	25.6	29
30	10.3		10.8	18.8	75.8	46.8	40.5	30.9	23.7	42.7	34.8	25.2	30
31	10.2		10.5		74.3		40.0	30.7		43.0		25.2	31
TOTAL	326.65	292.6	322.94	351.4	1 752.5	1 814.6	1 304.4	1 112.1	772.0	1 146.6	1 138.8	917.4	TOTAL
MEAN	10.5	10.5	10.4	11.7	56.5	60.5	42.1	35.9	25.7	37.0	38.0	29.6	MEAN
MAX	11.0	10.9	11.1	18.8	79.2	73.2	45.7	40.1	30.6	44.4	43.0	34.7	MAX
MIN	9.95	10.2	9.96	10.2	21.2	46.8	40.0	30.7	23.4	23.4	34.8	25.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.8
MAXIMUM DAILY, 79.2 ON MAY 27
MINIMUM DAILY, 9.95 ON JAN 25
MAXIMUM INSTANTANEOUS,
79.4 AT 08:36 CST ON MAY 27

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 10 20 N
LONG 91 32 30 W
DRAINAGE AREA, 4 450 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 200	JUL	113 000
FEB	25 300	AUG	96 100
MAR	27 900	SEP	66 700
APR	30 400	OCT	99 100
MAY	151 000	NOV	98 400
JUN	157 000	DEC	79 300

TOTAL DISCHARGE, 972 000 dam³

STURGEON RIVER AT OUTLET OF SALVESEN LAKE - STATION NO. 05QE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.35	4.26	3.58	3.34E	19.5	24.0	15.9	13.0	7.23	5.00	7.66	5.15	1
2	4.51	4.21	3.42	3.34E	20.3	24.2	16.0	12.9	7.20	5.31	7.60	5.26	2
3	4.53	4.16	3.38	3.34E	21.2	24.1	18.8	12.7	7.15	5.28	7.48	5.36	3
4	4.47	4.11	3.40	3.34E	22.2	23.8	20.3	12.5	7.07	5.49	7.32	5.21	4
5	4.49	4.10	3.36	3.34E	23.9	23.5	21.6	12.3	6.85	5.44	7.20	5.20	5
6	4.42	4.08	3.36	3.34E	25.2	23.2	22.0	12.0	6.60	5.35	7.11	4.94	6
7	4.37A	4.07	3.28	3.38E	25.8	23.5	21.4	11.6	6.48	5.69	7.06	4.78	7
8	4.40E	4.09	3.22	3.34E	26.6	23.9	20.7	11.3	6.51	5.81	6.96	4.61	8
9	4.42E	4.03	3.24	3.34E	26.9	24.4	20.1	11.2	6.54	5.87	6.81	4.52	9
10	4.44E	4.02	3.29	3.34E	27.3	24.9	19.4	10.9	6.45	6.12	6.68	4.57	10
11	4.44E	3.97	3.25	3.34E	27.6	25.4	18.9	10.6	6.22	6.43	6.54	4.43	11
12	4.47E	3.86	3.27	3.34E	28.1	25.2	18.6	10.2	6.09	6.67	6.30	4.41	12
13	4.49E	3.85	3.30	3.34E	28.0	25.1	18.2	10.0	5.99	6.94	6.16	4.53	13
14	4.51A	3.86	3.27	3.44E	27.8	24.9	17.7	9.81	5.87	7.03	6.04	4.47	14
15	4.57	3.91	3.40	3.61E	27.9	25.0	17.3	9.78	5.70	7.03	6.03	4.42	15
16	4.65	3.90	3.41	3.72E	27.7	25.2	16.8	9.59	5.60	7.00	5.96	4.43	16
17	4.57	4.00	3.40	3.84E	27.6	24.6	17.2	9.39	5.52	7.12	5.89	4.57	17
18	4.62	3.96	3.32	6.91E	27.6	23.7	16.9	9.38	5.35	7.17	5.85	4.63	18
19	4.65	3.95	3.27	8.00A	27.6	23.1	16.8	9.30	5.32	7.19	5.86	4.53	19
20	4.59	3.90	3.26	8.31	27.5	22.5	16.5	9.12	5.14	7.08	6.02	4.53	20
21	4.57	3.85	3.26	8.78	27.2	22.0	16.2	8.88	5.09	7.19	5.92	4.53	21
22	4.52	3.80	3.23	9.50	27.0	21.6	15.7	8.65	5.10	7.34	5.70	4.49	22
23	4.54	3.65	3.31E	11.0	26.5	21.1	15.5	8.47	5.27	7.42	5.51	4.62	23
24	4.44	3.57	3.36E	13.5	26.0	20.2	15.6	8.24	5.18	7.53	5.41	4.59	24
25	4.35	3.49	3.38E	15.8	25.5	19.6	15.2	7.96	5.04	7.64	5.23	4.50	25
26	4.37	3.55	3.38E	16.9	25.0	19.0	14.7	7.70	4.98	7.67	5.09	4.38	26
27	4.40	3.45	3.38E	17.6	24.5	18.4	14.4	7.48	4.88	7.79	5.05	4.45	27
28	4.35	3.51	3.38E	18.0	23.9	17.8	13.9	7.44	5.18	7.79	5.08	4.35	28
29	4.35		3.38E	18.3	23.4	17.1	13.7	7.51	5.21	7.71	5.09	4.27	29
30	4.34		3.36E	18.8	23.1	16.5	13.7	7.34	4.98	7.61	5.08	4.15	30
31	4.32		3.34E		23.1		13.5	7.33		7.64		4.17	31
TOTAL	138.51	109.16	103.40	229.47	791.5	677.5	533.2	304.57	175.79	208.35	185.69	143.05	TOTAL
MEAN	4.47	3.90	3.34	7.65	25.5	22.6	17.2	9.82	5.86	6.72	6.19	4.61	MEAN
MAX	4.65	4.26	3.54	18.8	28.1	25.4	22.0	13.0	7.23	7.79	7.66	5.36	MAX
MIN	4.32	3.45	3.22	3.34	19.5	16.5	13.5	7.33	4.88	5.00	5.05	4.15	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.86
MAXIMUM DAILY, 28.1 ON MAY 12
MINIMUM DAILY, 3.22 ON MAR 8
MAXIMUM INSTANTANEOUS,
28.2 AT 20:05 CST ON MAY 12

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 20 N
LONG 94 27 30 W
DRAINAGE AREA, 1 530 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 000	JUL	46 100
FEB	9 430	AUG	26 300
MAR	8 930	SEP	15 200
APR	19 800	OCT	18 000
MAY	68 400	NOV	16 000
JUN	58 500	DEC	12 400

TOTAL DISCHARGE, 311 000 dam³

STURGEON RIVER NEAR BARWICK - STATION NO. 05PC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---		0 B	2.20	0.564	0.181	0.769	0.451	0.993	---	---	1
2	---	---	0B	0.178B	1.62	0.565	0.177	0.729	B.450	1.43	---	---	2
3	---	---	0B	0 B	1.36	0.564	0.178	0.806	0.450	2.61	---	---	3
4	---	---	0B	0 B	1.68	0.429	0.174	0.694	B.450	2.80	---	---	4
5	---	---	0B	0 B	2.53	0.341	0.179	0.593	B.449	1.87	---	---	5
6	---	---											
7	---	---	0B	0 B	2.85	0.311	0.551	1.14	0.447	2.20	---	---	6
8	---	---	0B	0 B	2.53	0.303	0.858	5.30	0.446	6.48	---	---	7
9	---	---	0B	0 B	2.07	0.461	0.639	8.35	0.444	12.1	---	---	8
10	---	---	0B	0 B	1.75	0.549	0.431	5.48	0.440	9.15	---	---	9
			0B	0 B	1.55	0.755	0.279	3.05	0.439	7.50	---	---	10
11	---	---											
12	---	---	0B	0 B	2.00	1.17	0.213	1.83	0.438	9.93	---	---	11
13	---	---	0B	0 B	2.55	1.12	0.203	1.12	0.437	10.1	---	---	12
14	---	---	0B	0 B	2.61	0.757	0.204	0.810	0.436	7.53	---	---	13
15	---	---	0B	0.388B	2.75	0.584	0.249	0.638	0.434	5.61	---	---	14
			0B	7.63 B	4.76	0.425	0.275	0.513	0.434	4.33	---	---	15
16	---	---											
17	---	---	0B	10.8 B	7.01	0.331	2.86	0.503	0.435	3.32	---	---	16
18	---	---	0B	14.2 B	7.78	0.278	7.30	0.497	0.435	2.69	---	---	17
19	---	---	0B	18.0 B	8.10	0.266	7.61	0.466	0.436	2.36	---	---	18
20	---	---	0B	16.4 B	7.89	0.258	6.34	0.468	0.434	2.59	---	---	19
			0B	14.6 A	8.38	0.253	3.72	0.575	0.435	2.72	---	---	20
21	---	---											
22	---	---	0B	13.1 A	6.71	0.222	2.95	0.767	0.448	2.48	---	---	21
23	---	---	0B	9.50 A	4.76	0.199	12.3	0.667	0.455	2.16	---	---	22
24	---	---	0B	7.81 A	3.32	0.190	12.9	0.559	0.458	1.87	---	---	23
25	---	---	0B	6.37 A	2.46	0.188	7.23	0.517	0.459	1.59	---	---	24
			0B	5.82 A	1.98	0.189	4.74	0.505	0.458	1.41	---	---	25
26	---	---											
27	---	---	0B	5.18 E	1.47	0.186	3.25	0.470	0.455	1.24	---	---	26
28	---	---	0B	4.54 E	1.14	0.187	2.13	0.462	0.732	1.08	---	---	27
29	---		0B	3.89 E	0.953	0.183	1.38	0.464	1.93	0.998	---	---	28
30	---		0B	3.25 A	0.833	0.180	1.22	0.461	1.99	0.949	---	---	29
31	---		0B	2.43	0.683	0.179	1.12	0.455	1.37	0.928	---	---	30
					0.611		0.963	0.453		0.860		---	31
TOTAL	---	---	0	144.086	98.890	12.187	82.804	40.111	17.575	113.878	---	---	TOTAL
MEAN	---	---		4.80	3.19	0.406	2.67	1.29	0.586	3.67	---	---	MEAN
MAX	---	---	0	18.0	8.38	1.17	12.9	8.35	1.99	12.1	---	---	MAX
MIN	---	---	0	0	0.611	0.179	0.174	0.453	0.434	0.860	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.08
MAXIMUM DAILY, 18.0B ON APR 18
MINIMUM DAILY, 0B ON MAR 1
MAXIMUM INSTANTANEOUS,
18.1 AT 12:00 CST ON JUL 22

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 41 15 N
LONG 93 59 00 W
DRAINAGE AREA, 168 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	7 150
FEB	---	AUG	3 470
MAR	0	SEP	1 520
APR	12 400	OCT	9 840
MAY	8 540	NOV	---
JUN	1 050	DEC	---

TOTAL DISCHARGE, 44 000 dam³

STURGEON RIVER NEAR GLEN AFTON - STATION NO. 02DC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.5B	14.7B	11.2B	16.0B	160	45.0	19.5	10.6	9.34	40.4	43.4	53.0	1
2	19.0B	14.6B	11.1B	20.0B	160	45.7	18.4	10.1	10.7	37.9	42.1	50.0	2
3	18.8B	14.5B	11.0B	22.5B	159	47.2	17.4	9.77	13.1	35.5	41.8	53.3	3
4	18.8B	14.3B	11.0B	24.0B	156	46.1	16.5	9.44	14.5	33.9	40.8	58.2	4
5	19.2B	14.1B	10.9B	26.5B	150	41.3	16.0	9.25	15.3	32.3	39.9	59.9	5
6	19.5B	14.0B	10.7B	26.5B	141	39.5	15.4	8.81	16.2	31.2	38.9	66.4	6
7	19.8B	13.8B	10.5B	26.2B	131	39.0	15.0	8.68	17.2	32.9	37.8	69.6	7
8	19.8B	13.7B	10.5B	25.8B	123	37.6	14.5	8.70	18.1	38.7	37.0	69.4	8
9	19.5B	13.6B	10.4B	25.8	113	35.7	14.1	8.89	18.0	45.8	35.8	60.5	9
10	19.2B	13.5B	10.4B	26.1	104	34.0	13.4	9.01	17.8	53.1	34.3	53.0B	10
11	19.0B	13.3B	10.5B	27.3	94.9	34.3	12.6	9.48	17.7	58.2	33.6	51.0B	11
12	18.8B	13.1B	10.9B	28.3	88.1	33.2	12.8	9.41	17.9	61.3	35.2	48.0B	12
13	18.5B	13.0B	12.2B	32.2	82.8	31.1	13.3	9.30	17.8	61.1	39.5	44.0B	13
14	18.2B	12.8B	13.5B	36.9	76.9	30.2	13.9	9.24	17.8	59.4	44.1	46.0B	14
15	18.0B	12.6B	14.5B	42.2	71.5	29.4	14.3	9.09	17.6	58.6	48.0	50.0B	15
16	17.6B	12.5B	14.8B	49.9	67.2	28.6	14.9	8.92	18.5	57.4	48.9	49.0B	16
17	17.4B	12.4B	14.7B	68.8	62.5	26.6	15.1	8.82	20.6	55.9	48.9	48.0B	17
18	17.2B	12.3B	14.5B	86.7	58.1	25.6	15.4	8.51	24.5	54.4	48.5	41.0B	18
19	16.9B	12.2B	14.2B	89.8	55.1	25.0	15.5	8.39	29.1	53.5	47.0	43.0B	19
20	16.6B	12.1B	14.0B	88.5	54.0	25.1	15.4	8.38	34.6	54.0	46.8	45.0B	20
21	16.4B	12.0B	14.0B	88.1	52.9	25.5	15.2	8.00	41.0	58.2	52.5	42.0B	21
22	16.2B	12.0B	13.8B	87.0	54.0	25.3	15.0	8.18	44.2	60.9	59.1	36.0B	22
23	16.0B	11.9B	13.7B	87.9	57.5	24.9	14.2	9.25	49.5	61.4	61.1	37.0B	23
24	15.8B	11.8B	13.5B	94.7	57.9	24.5	13.3	9.31	53.6	60.8	61.4	38.5B	24
25	15.6B	11.7B	13.3B	111	56.1	24.1	12.6	9.61	56.1	59.2	59.6	40.0B	25
26	15.5B	11.6B	12.8B	134	53.1	23.6	12.1	9.82	55.2	57.8	56.2	44.0B	26
27	15.4B	11.5B	12.4B	149	50.4	23.4	11.6	10.2	51.8	54.6	45.0B	46.0B	27
28	15.3B	11.5B	11.9B	153	48.1	22.9	11.6	10.4	49.1	51.6	45.0B	47.0B	28
29	15.2B		11.2B	157	46.7	22.7	11.4	10.2	46.0	49.0	54.9	49.0B	29
30	15.0B		11.0B	160	45.0	21.5	11.4	9.77	42.9	47.5	57.9	52.0B	30
31	14.8B		12.4B		43.4		11.0	9.26		45.1		52.0B	31
TOTAL	542.5	361.1	381.6	2 011.7	2 673.2	938.6	442.8	286.79	855.74	1 561.6	1 385.0	1 541.8	TOTAL
MEAN	17.5	12.9	12.3	67.1	86.2	31.3	14.3	9.25	28.5	50.4	46.2	49.7	MEAN
MAX	19.8	14.7	14.8	160	160	47.2	19.5	10.6	56.1	61.4	61.4	69.6	MAX
MIN	14.8	11.5	10.4	16.0	43.4	21.5	11.0	8.00	9.34	31.2	33.6	36.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.6
MAXIMUM DAILY, 160 ON APR 30
MINIMUM DAILY, 8.00 ON AUG 21
MAXIMUM INSTANTANEOUS,
162 AT 03:01 EST ON MAY 2

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 38 12 N
LONG 80 15 53 W
DRAINAGE AREA, 2 980 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	46 900	JUL	38 300
FEB	31 200	AUG	24 800
MAR	33 000	SEP	73 900
APR	174 000	OCT	135 000
MAY	231 000	NOV	120 000
JUN	81 100	DEC	133 000

TOTAL DISCHARGE, 1 120 000 dam³

SYDENHAM RIVER AT STRATHROY - STATION NO. 02GG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.23	0.850B	0.960B	22.6	1.47	1.55	0.802	0.583	1.17	1.17	1.60	5.99	1
2	2.76	0.840B	0.950B	11.4	1.52	1.38	0.744	0.836	1.18	0.963	1.94	3.74	2
3	3.07	0.840B	0.940B	9.04	1.47	1.27	0.680	0.921	1.27	0.901	3.87	2.97	3
4	4.37	0.840B	0.930B	8.04	1.06	1.19	0.718	0.692	1.24	0.818	5.67	3.28	4
5	9.03	0.840B	0.920B	7.02	1.28	1.26	0.721	0.575	1.12	0.769	5.49	4.90	5
6	9.43	0.830B	0.910B	4.37	1.22	1.64	0.738	0.490	1.06	0.728	3.55	7.08	6
7	9.53	0.830B	0.900B	3.22	1.17	1.78	0.702	0.426	1.01	0.730	2.57	7.44	7
8	6.34	0.830B	0.900B	3.06	1.16	1.62	0.663	0.513	0.969	0.705	2.27	5.55	8
9	3.89	0.830B	0.890B	3.32	1.18	1.41	0.594	0.582	0.927	0.728	2.10	2.88	9
10	2.69	0.830B	0.880B	5.37	1.20	1.25	0.555	0.546	0.898	0.730	1.99	2.17	10
11	2.10 B	0.829B	1.10 B	6.37	1.17	1.13	0.465E	0.469	0.829	0.743	2.27	1.98	11
12	1.80 B	0.820B	1.93 A	6.02	1.12	1.10	0.475E	0.412	0.738	0.777	6.22	1.86	12
13	1.60 B	0.820B	3.95	7.15	1.09	1.05	0.485E	0.380	0.747	0.740	8.41	1.69	13
14	1.46 B	0.820B	11.4	7.38	1.06	1.00	0.495E	0.339	0.778	0.718	8.23	1.58	14
15	1.38 B	0.815B	18.5	5.78	1.02	1.06	0.515E	0.244	0.833	0.754	5.12	1.61	15
16	1.30 B	0.815B	22.6	3.85	1.00	1.24	0.536A	0.251	0.823	0.858	2.99	5.20	16
17	1.22 B	0.821B	24.9	5.83	0.949	1.22	0.587	0.322	0.796	1.75	2.42	7.48	17
18	1.16 B	0.850B	20.9	6.80	0.735	1.12	0.670	0.328	0.817	3.56	2.20	6.64	18
19	1.11 B	0.860B	16.1	5.31	0.987	1.18	0.693	0.309	0.817	4.09	2.07	3.19	19
20	1.07 B	0.880B	13.7	3.24	0.973	1.20	0.677	0.352	0.769	3.08	2.10	2.21	20
21	1.03 B	0.890B	14.1	2.69	0.845	1.13	0.660	0.340	0.748	2.26	4.73	2.09	21
22	1.00 B	0.900B	13.5	2.42	0.888	1.44	0.638	0.314	0.793	2.07	7.71	1.92	22
23	0.970B	0.920B	13.0	2.16	0.956	1.48	0.612	0.333	0.874	1.90	8.26	1.91	23
24	0.930B	0.940B	13.0	2.01	1.03	1.12	0.553	0.369	0.964	1.78	8.72	6.73	24
25	0.910B	0.960B	11.9	1.90	0.974	0.969	0.499	2.33	1.03	1.69	8.55	15.8	25
26	0.890B	0.960B	10.2	1.81	0.839	0.934	0.479	2.52	1.37	1.64	6.34	17.3	26
27	0.880B	0.960B	7.91	1.75	0.821	0.941	0.494	1.89	1.91	1.58	3.33	9.60	27
28	0.861B	0.960B	5.52	1.66	1.43	0.932	0.564	1.56	2.33	1.56	2.52	7.11	28
29	0.861B		4.19	1.59	3.11	0.939	0.585	1.36	1.94	1.55	3.98	5.85	29
30	0.860B		5.34	1.43	3.81	0.890	0.539	1.27	1.45	1.53	6.11	4.47	30
31	0.860B		25.8		2.21		0.574	1.20		1.55		2.57	31
TOTAL	77.592	24.171	268.720	154.59	39.247	36.425	18.672	23.016	32.196	44.422	133.33	154.79	TOTAL
MEAN	2.50	0.863	8.67	5.15	1.27	1.21	0.602	0.742	1.07	1.43	4.44	4.99	MEAN
MAX	9.53	0.960	25.8	22.6	3.81	1.78	0.802	2.52	2.33	4.09	8.72	17.3	MAX
MIN	0.860	0.815	0.880	1.43	0.949	0.890	0.465	0.244	0.734	0.705	1.60	1.58	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.76
MAXIMUM DAILY, 25.8 ON MAR 31
MINIMUM DAILY, 0.244 ON AUG 15
MAXIMUM INSTANTANEOUS,
38.9 AT 18:50 EST ON MAR 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 57 35 N
LONG 81 37 42 W
DRAINAGE AREA, 172 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 700	JUL	1 610
FEB	2 090	AUG	1 990
MAR	23 200	SEP	2 780
APR	13 400	OCT	3 840
MAY	3 390	NOV	11 500
JUN	3 150	DEC	13 400

TOTAL DISCHARGE, 87 100 dam³

SYDENHAM RIVER AT WALLACEBURG - STATION NO. 02GG008

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.390	5.470	5.366	5.807	5.507	5.557	5.537	5.512	5.434	5.381	5.299	5.441	1
2	5.345	5.429	5.348	5.774	5.503	5.534	5.549	5.498	5.441	5.372	5.357	5.417	2
3	5.381	5.431	5.352	5.922	5.496	5.501	5.539	5.496	5.447	5.384	5.369	5.439	3
4	5.646	5.425	5.375	5.761	5.486	5.523	5.565	5.497	5.418	5.368	5.400	5.445	4
5	5.525	5.403	5.399	5.540	5.486	5.520	5.560	5.479	5.434	5.365	5.507	5.485	5
6	5.507	5.395	5.397	5.558	5.492	5.530	5.555	5.484	5.408	5.360	5.417	5.573	6
7	5.540	5.338	5.411	5.605	5.500	5.540	5.571	5.496	5.399	5.382	5.353	5.528	7
8	5.580	5.336	5.414	5.578	5.485	5.537	5.531	5.520	5.407	5.367	5.322	5.479	8
9	5.542	5.352	5.431	5.558	5.477	5.532	5.525	5.516	5.405	5.335	5.308	5.469	9
10	5.558	5.351	5.407	5.613	5.482	5.542	5.530	5.499	5.397	5.328	5.292	5.533	10
11	5.548	5.330	5.391	5.589	5.484	5.533	5.598	5.482	5.393	5.365	5.341	5.442	11
12	5.500	5.343	5.374	5.568	5.482	5.526	5.542	5.483	5.387	5.366	5.467	5.439	12
13	5.502	5.354	5.549	5.623	5.479	5.525	5.513	5.483	5.385	5.343	5.386	5.486	13
14	5.510	5.363	5.825	5.611	5.477	5.515	5.513	5.473	5.394	5.405	5.397	5.453	14
15	5.504	5.383	6.038	5.583	5.478	5.582	5.514	5.463	5.402	5.357	5.387	5.379	15
16	5.502	5.443	6.018	5.574	5.486	5.520	5.516	5.461	5.411	5.346	5.391	5.445	16
17	5.496	5.456	6.024	5.649	5.486	5.549	5.531	5.444	5.394	5.328	5.333	5.497	17
18	5.471	5.455	5.967	5.610	5.489	5.536	5.535	5.458	5.413	5.327	5.316	5.513	18
19	5.463	5.447	5.909	5.591	5.501	5.552	5.506	5.483	5.399	5.322	5.309	5.463	19
20	5.463	5.410	5.822	5.605	5.476	5.576	5.499	5.455	5.405	5.468	5.340	5.503	20
21	5.473	5.397	5.776	5.588	5.471	5.577	5.509	5.425	5.371	5.301	5.366	5.485	21
22	5.478	5.387	5.709	5.557	5.461	5.567	5.507	5.487	5.365	5.284	5.397	5.461	22
23	5.447	5.370	5.668	5.567	5.515	5.540	5.498	5.450	5.379	5.289	5.426	5.437	23
24	5.433	5.379	5.633	5.569	5.501	5.562	5.508	5.432	5.408	5.291	5.493	5.456	24
25	5.447	5.396	5.617	5.537	5.494	5.543	5.516	5.457	5.366	5.295	5.539	5.575	25
26	5.463	5.379	5.624	5.527	5.491	5.517	5.494	5.467	5.363	5.296	5.481	5.642	26
27	5.438	5.374	5.569	5.474	5.496	5.527	5.487	5.444	5.395	5.286	5.408	5.631	27
28	5.418	5.376	5.513	5.503	5.524	5.535	5.527	5.444	5.414	5.293	5.393	5.787	28
29	5.410		5.492	5.504	5.527	5.535	5.531	5.450	5.400	5.317	5.477	5.661	29
30	5.415		5.520	5.506	5.532	5.538	5.535	5.437	5.398	5.293	5.459	5.574	30
31	5.481		5.691		5.533		5.518	5.415		5.284		5.544	31
MEAN	5.480	5.392	5.601	5.601	5.494	5.538	5.528	5.471	5.401	5.339	5.391	5.506	MEAN
MAX	5.646	5.470	6.038	5.922	5.533	5.582	5.598	5.520	5.447	5.468	5.539	5.787	MAX
MIN	5.345	5.330	5.348	5.474	5.471	5.501	5.487	5.415	5.363	5.284	5.292	5.379	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 5.479
MAXIMUM DAILY, 6.038 ON MAR 15
MINIMUM DAILY, 5.284 ON OCT 22
MAXIMUM INSTANTANEOUS,
6.259 AT 14:47 EST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 35 34 N
LONG 82 23 05 W

NATURAL FLOW

DRAINAGE AREA,
2 680 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 170.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA DOES NOT ACCOUNT FOR RUNNING CREEK (NATURAL DIVERSION)

SYDENHAM RIVER NEAR ALVINSTON - STATION NO. 02GG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.60B	2.00B	1.99B	81.3	4.28	7.03	2.78	0.896	1.40	5.00	1.97	17.4	1
2	13.5 B	1.98B	1.97B	61.6	4.12	5.24	2.06	0.980	1.27	3.40	3.79	13.9	2
3	16.9	1.96B	1.95B	39.8	4.13	3.89	1.68	1.61	1.27	2.56	13.5	12.0	3
4	30.7	1.94B	1.93B	33.1	4.02	3.12	1.55	2.13	1.40	2.11	14.7	19.1	4
5	55.6	1.92B	1.91B	19.9	3.59	2.78	1.54	1.87	1.39	1.92	11.7	22.9	5
6	41.9	1.90B	1.90B	15.0	3.20	3.89	1.55	1.53	1.29	1.77	10.5	30.7	6
7	24.9	1.89B	1.89B	12.6	3.37	5.53	1.43	1.26	1.23	1.66	9.36	21.8	7
8	15.0 B	1.87B	1.88B	11.5	3.28	5.08	1.34	1.43	1.07	1.70	7.38	16.0	8
9	11.8 B	1.85B	1.87B	13.7	3.30	4.33	1.24	1.84	0.988	1.82	5.33	14.2	9
10	10.2 B	1.84B	1.86B	20.6	3.15	3.41	1.19	1.98	0.935	1.70	4.11	12.3	10
11	8.00B	1.83B	2.30B	21.5	3.10	2.76	1.13	1.76	0.882	1.66	5.48	9.83	11
12	6.80B	1.82B	5.60B	24.2	2.92	2.35	1.10	1.37	0.873	1.79	22.9	7.16B	12
13	5.80B	1.81B	46.0 B	39.5	2.75	2.08	1.08	1.16	0.861	1.78	29.2	5.36B	13
14	5.20B	1.80B	139 B	28.6	2.64	1.88	1.02	1.07	0.985	1.62	19.5	4.81B	14
15	4.50B	1.79B	136 B	20.3	2.56	1.82	0.946	0.974	1.14	1.45	15.8	4.81	15
16	3.90B	1.78B	129 B	16.6	2.46	2.39	0.923	0.920	1.58	1.35	13.2	35.4	16
17	3.50B	1.90B	128 B	22.0	2.42	3.32	0.896	0.864	1.29	1.50	9.92	36.7	17
18	3.20B	2.05B	117 B	20.8	2.17	3.00	0.849	0.814	1.33	3.44	6.88	18.3	18
19	2.91B	2.12B	95.4	16.2	1.82	2.88	0.983	0.787	1.36	4.75	5.20	15.9	19
20	2.80B	2.20B	82.8	14.0	2.02	3.59	0.987	0.766	1.31	5.15	5.95	14.2 B	20
21	2.70B	2.18B	81.5	12.3	1.99	4.23	0.920	0.751	1.21	5.19	21.9	13.2 B	21
22	2.60B	2.14B	62.9	9.98	1.93	4.10	0.845	0.685	1.17	4.69	26.4	12.2	22
23	2.65B	2.12B	55.8	8.29	2.06	3.43	0.812	0.716	1.22	3.61	19.0	12.4	23
24	2.70B	2.10B	54.1	7.17	2.25	3.20	0.732	0.804	1.56	2.93	34.6	39.1	24
25	2.80B	2.08B	46.8	6.34	2.30	2.50	0.648	4.78	1.74	2.49	28.1	58.9	25
26	2.90B	2.06B	36.3	5.84	2.29	2.06	0.689	9.03	2.31	2.26	17.2	62.0	26
27	2.65B	2.04B	26.4	5.64	2.21	2.02	0.698	6.38	5.21	2.12	13.5	97.1	27
28	2.45B	2.02B	20.5	5.30	3.07	2.04	0.727	3.95	10.9	2.04	11.5	35.2	28
29	2.13B		19.1	4.89	8.05	3.08	0.752	2.49	9.77	1.95	27.3	26.0	29
30	2.10B		29.1	4.57	8.12	3.71	0.775	1.87	7.15	1.93	28.3	16.3	30
31	2.05B		108		7.38		0.753	1.58		1.95		11.5	31
TOTAL	304.44	54.99	1 440.75	603.12	102.93	100.74	34.625	59.047	66.094	79.29	444.17	666.67	TOTAL
MEAN	9.82	1.96	46.5	20.1	3.32	3.36	1.12	1.90	2.20	2.56	14.8	21.5	MEAN
MAX	55.6	2.20	139	81.3	8.12	7.03	2.78	9.03	10.9	5.19	34.6	62.0	MAX
MIN	2.05	1.78	1.86	4.57	1.82	1.82	0.648	0.685	0.861	1.35	1.97	4.81	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.8
MAXIMUM DAILY, 139B ON MAR 14
MINIMUM DAILY, 0.648 ON JUL 25
MAXIMUM INSTANTANEOUS,
158B AT 13:52 EST ON MAR 14

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 49 48 N
LONG 81 51 09 W
DRAINAGE AREA, 730 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 300	JUL	2 990
FEB	4 750	AUG	5 100
MAR	124 000	SEP	5 710
APR	52 100	OCT	6 850
MAY	8 890	NOV	38 400
JUN	8 700	DEC	57 600

TOTAL DISCHARGE, 341 000 dam³

SYDENHAM RIVER NEAR DRESDEN - STATION NO. 02GG007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.40	4.30B	3.50B	151	5.85	9.01	5.19	1.03	2.20	9.89	2.98	48.3	1
2	18.0 B	4.10B	3.45B	127	5.51	9.46	4.21	1.06	2.07	7.20	9.90	29.6	2
3	26.0 B	4.00B	3.40B	90.6	5.19	7.34	3.38	1.32	1.87	5.26	23.1	23.2	3
4	36.0 B	3.90B	3.38B	72.6	4.97	5.44	3.01	1.46	1.66	4.16	27.0	28.6	4
5	76.0 B	3.85B	3.38B	45.7	4.76	4.62	2.80	2.21	1.70	3.51	21.9	42.1	5
6	97.2	3.80B	3.40B	26.1	4.49	5.92	2.66	2.37	1.78	3.09	16.6	52.8	6
7	86.8	3.70B	3.40B	19.7	4.21	7.11	2.53	2.03	1.73	2.90	13.5	50.6	7
8	49.5	3.60B	3.35B	19.1	4.38	8.05	2.32	2.02	1.59	2.85	11.8	32.4	8
9	22.0 B	3.50B	3.30B	20.8	4.26	7.11	2.13	2.33	1.47	2.95	9.62	22.2	9
10	17.5 B	3.45B	3.30B	28.9	4.09	5.91	1.96	2.40	1.37	2.85	7.50	18.6	10
11	14.0 B	3.30B	3.50B	37.7	3.93	4.86	1.82	2.43	1.32	2.79	7.66	15.7	11
12	12.0 B	3.25B	11.0 B	41.1	3.81	4.06	1.69	2.31	1.26	2.65	22.8	12.4	12
13	10.0 B	3.20B	62.0 B	57.9	3.70	3.59	1.59	1.95	1.20	2.61	47.2	10.2	13
14	9.00B	3.15B	142 B	65.0	3.54	3.22	1.51	1.64	1.28	2.62	43.7	9.00	14
15	8.20B	3.10B	176 B	42.7	3.41	2.99	1.45	1.42	7.22	2.49	28.2	8.23	15
16	7.40B	3.05B	178 B	28.8	3.31	8.13	1.38	1.29	6.76	2.36	21.1	27.5	16
17	6.80B	3.13B	185 B	30.7	3.26	11.7	1.27	1.20	3.25	2.22	17.4	67.3	17
18	6.27B	3.23B	181	37.6	3.19	7.39	1.21	1.11	2.70	2.17	13.5	53.3	18
19	5.90B	3.32B	160	28.2	3.09	6.25	1.21	1.05	2.34	3.23	10.2	26.0	19
20	5.40B	3.40B	136	21.8	2.91	9.42	1.18	1.08	2.19	5.08	10.4	24.2 B	20
21	5.00B	3.50B	115	19.8	2.88	11.5	1.20	1.08	2.02	5.81	30.6	22.5 B	21
22	4.60B	3.60B	105	16.5	2.88	12.3	1.21	1.01	1.86	5.98	55.6	24.2	22
23	5.60B	3.70B	96.3	13.1	2.81	9.29	1.17	1.01	2.04	5.66	46.9	19.7	23
24	5.60B	3.90B	87.4	11.0	2.83	6.72	1.09	1.02	3.06	4.70	54.7	35.5	24
25	5.60B	3.70B	82.9	9.54	2.98	5.39	1.04	1.13	2.97	3.97	62.4	72.6	25
26	5.20B	3.65B	70.8	8.55	3.01	4.58	1.01	2.38	3.45	3.49	44.7	104	26
27	5.00B	3.60B	52.1	7.87	3.18	3.98	1.03	7.86	4.84	3.19	27.3	96.5	27
28	4.90B	3.55B	37.3	7.27	3.95	3.66	1.15	6.71	17.5	2.97	21.8	76.2	28
29	4.70B		30.8	6.75	5.53	4.18	1.10	4.61	18.2	2.82	44.2	59.5	29
30	4.60B		38.2	6.20	8.99	5.35	1.02	3.38	13.8	2.70	62.3	37.4	30
31	4.40B		95.3		9.57		1.02	2.65		2.63		22.4	31
TOTAL	578.57	99.53	2 079.46	1 099.58	130.47	198.53	56.54	66.55	116.70	116.80	816.56	1 172.83	TOTAL
MEAN	18.7	3.55	67.1	36.7	4.21	6.62	1.82	2.15	3.89	3.77	27.2	37.8	MEAN
MAX	97.2	4.30	185	151	9.57	12.3	5.19	7.86	18.2	9.89	62.4	104	MAX
MIN	4.40	3.05	3.30	6.20	2.81	3.99	1.01	1.01	1.20	2.17	2.98	8.23	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.9
MAXIMUM DAILY, 185B ON MAR 17
MINIMUM DAILY, 1.01 ON JUL 26
MAXIMUM INSTANTANEOUS,
187 AT 00:01 EST ON MAR 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 35 38 N
LONG 82 06 31 W
DRAINAGE AREA, 1 240 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	50 000	JUL	4 890
FEB	8 600	AUG	5 750
MAR	180 000	SEP	10 100
APR	95 000	OCT	10 100
MAY	11 300	NOV	70 600
JUN	17 200	DEC	101 000

TOTAL DISCHARGE, 565 000 dam³

SYDENHAM RIVER NEAR OWEN SOUND - STATION NO. 02FB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.45	1.30B	1.03B	53.6 B	3.66	2.50	2.66	1.13	1.05	1.11	1.12	7.71	1
2	3.58	1.27B	1.03B	39.7 B	3.40	2.59	2.12	1.20	1.10	1.00	1.65	6.37	2
3	3.16	1.26B	1.02B	32.0	3.15	2.41	1.77	1.61	1.14	0.949	2.67	7.10	3
4	3.11	1.25B	1.02B	29.1 B	2.91	2.14	1.60	1.98	1.10	0.909	2.90	9.29	4
5	3.31	1.22B	1.01B	20.1 B	2.68	1.88	1.48	2.06	1.03	0.875	2.74	9.11	5
6	4.23	1.21B	1.01B	16.1 B	2.46	1.73	1.39	1.83	0.969	0.844	2.57	8.97	6
7	4.54	1.20B	1.01B	12.0 B	2.39	1.60	1.31	1.55	0.933	0.840	2.35	8.57	7
8	3.50B	1.19B	1.00B	10.1 B	2.38	1.51	1.23	1.37	0.880	0.860	2.33	7.00	8
9	3.15B	1.18B	1.00B	8.98	2.29	1.44	1.16	1.52	0.841	0.850	2.19	5.00B	9
10	2.90B	1.17B	1.00B	8.68	2.10	1.35	1.11	1.41	0.829	0.837	1.88	4.10B	10
11	2.70B	1.14B	1.18B	8.09	2.03	1.29	1.11	1.20	0.786	0.986	1.70	3.40B	11
12	2.50B	1.13B	1.30B	7.68	1.90	1.22	1.10	1.08	0.780	1.19	2.34	3.10B	12
13	2.35B	1.12B	1.45B	8.86	1.78	1.18	1.03	1.01	0.776	1.09	3.48	3.00B	13
14	2.25B	1.12B	1.60B	11.0	1.71	1.17	0.976	0.958	0.817	1.11	3.71	2.93B	14
15	2.15B	1.11B	1.32B	10.8	1.64	1.62	1.10	0.898	0.921	1.60	3.45	3.15	15
16	2.02B	1.11B	1.29B	10.7	1.58	4.45	1.14	0.870	0.897	1.82	2.94	4.62	16
17	1.97B	1.10B	1.22B	14.7	1.62	6.34	1.09	0.829	0.865	1.75	2.54	5.01	17
18	1.90B	1.10B	1.20B	19.1	1.57	6.09	1.09	0.797	1.26	1.59	2.33	4.04B	18
19	1.82B	1.09B	1.19B	15.0	1.56	5.44	1.08	0.816	1.51	1.46	2.38	5.44B	19
20	1.75B	1.09B	1.18B	12.1	1.63	6.63	1.01	0.986	1.35	1.33	2.63	4.87	20
21	1.70B	1.09B	1.14B	11.3	1.57	7.83	0.945	1.06	1.17	1.32	3.32	4.19	21
22	1.62B	1.08B	1.13B	9.81	1.46	7.21	0.915	1.01	1.03	1.35	3.94	3.74	22
23	1.57B	1.07B	1.11B	8.06	1.86	5.68	0.901	1.34	0.974	1.29	4.04	3.49	23
24	1.52B	1.06B	1.10B	6.89	2.76	4.17	0.874	1.47	0.946	1.21	4.52	4.93	24
25	1.49B	1.06B	1.09B	6.13	2.89	3.30	0.850	1.69	0.954	1.14	5.00	8.98	25
26	1.45B	1.05B	1.08B	5.55	2.63	2.89	0.844	1.93	0.988	1.11	4.46	14.0	26
27	1.41B	1.05B	1.07B	5.11	2.31	2.59	0.906	1.81	1.05	1.08	3.63	12.3	27
28	1.39B	1.04B	1.04B	4.68	2.39	2.78	1.19	1.59	1.42	1.05	3.04	8.94	28
29	1.36B		1.03B	4.29	2.53	3.55	1.32	1.32	1.49	1.02	4.26	7.35	29
30	1.34B		4.00B	3.94	2.44	3.33	1.24	1.18	1.29	1.02	6.75	6.44	30
31	1.31B		22.4 B		2.52		1.17	1.11		1.02		5.42	31
TOTAL	71.50	31.86	59.25	414.15	69.80	97.91	37.711	40.614	31.146	35.610	92.86	192.56	TOTAL
MEAN	2.31	1.14	1.91	13.8	2.25	3.26	1.22	1.31	1.04	1.15	3.10	6.21	MEAN
MAX	4.54	1.30	22.4	53.6	3.66	7.83	2.66	2.06	1.51	1.82	6.75	14.0	MAX
MIN	1.31	1.04	1.00	3.94	1.46	1.17	0.844	0.797	0.776	0.837	1.12	2.93	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.22
MAXIMUM DAILY, 53.6B ON APR 1
MINIMUM DAILY, 0.776 ON SEP 13
MAXIMUM INSTANTANEOUS,
56.5 AT 15:00 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 31 21 N
LONG 80 55 51 W
DRAINAGE AREA, 181 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 180	JUL	3 260
FEB	2 750	AUG	3 510
MAR	5 120	SEP	2 690
APR	35 800	OCT	3 080
MAY	6 030	NOV	8 020
JUN	8 460	DEC	16 600

TOTAL DISCHARGE, 102 000 dam³

TAY RIVER AT PORT ELMSLEY - STATION NO. 02LA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	5.37	4.00	4.74	4.63	3.34	9.65	1
2	---	---	---	---	---	---	4.64	4.03	5.28	4.65	3.29	10.2	2
3	---	---	---	---	---	---	3.93	4.10	5.28	4.56	3.28	11.2	3
4	---	---	---	---	---	---	3.78	3.94	4.86	4.45	3.89	12.7	4
5	---	---	---	---	---	---	3.65	3.99	4.54	4.41	7.39	13.8	5
6	---	---	---	---	---	---	3.53	3.87	4.85	4.41	8.14	15.3	6
7	---	---	---	---	---	---	3.10	3.76	4.15	4.39	6.74	16.2	7
8	---	---	---	---	---	---	3.54	3.69	3.84	4.73	6.20	15.7	8
9	---	---	---	---	---	---	3.20	3.78	4.84	4.81	4.33	14.8 B	9
10	---	---	---	---	---	---	2.51	3.83	4.83	4.91	3.42	13.5 B	10
11	---	---	---	---	---	---	2.80	3.75	4.27	5.09	3.53	12.9 B	11
12	---	---	---	---	---	---	3.29	3.71	3.91	5.77	4.98	12.5 B	12
13	---	---	---	---	---	---	3.16	3.70	3.70	5.72	5.43	12.1 B	13
14	---	---	---	---	---	---	3.09	3.67	3.87	5.68	4.60	11.8 B	14
15	---	---	---	---	---	---	3.05	3.49	4.38	5.87	4.64	12.2	15
16	---	---	---	---	---	---	3.04	3.36	4.28	5.80	3.65	15.2	16
17	---	---	---	---	---	---	3.04	3.48	3.93	5.84	3.52	16.5 B	17
18	---	---	---	---	---	---	3.20	3.57	3.99	5.79	3.20	15.9 B	18
19	---	---	---	---	---	---	3.30	3.63	3.77	6.91	3.07	15.3 B	19
20	---	---	---	---	---	---	3.29	3.87	3.60	7.32	3.13	14.8	20
21	---	---	---	---	---	---	3.26	3.91	3.56	6.54	3.19	13.8 B	21
22	---	---	---	---	---	---	3.19	3.99	3.54	5.91	3.64	13.1 B	22
23	---	---	---	---	---	---	3.13	4.29	3.53	5.69	3.64	13.0 B	23
24	---	---	---	---	---	---	3.10	4.35	3.56	5.33	4.19	13.2 B	24
25	---	---	---	---	---	---	9.52	3.09	6.09	3.80	3.96	4.86	14.8	25
26	---	---	---	---	---	---	8.81	3.17	6.80	4.00	3.36	6.37	21.3	26
27	---	---	---	---	---	---	8.10	3.14	5.73	4.21	3.51	6.19B	24.7	27
28	---	---	---	---	---	---	7.31	3.29	5.51	4.46	3.62	5.55	27.0	28
29	---		---	---	---	---	6.65	4.02	5.19	4.41	3.59	6.20	26.6	29
30	---		---	---	---	---	6.19	3.79	5.31	4.89	3.57	7.39	24.3	30
31	---		---		---			3.85	5.10		3.45		18.8	31
TOTAL	---	---	---	---	---	---	---	105.54	131.49	126.47	154.27	140.99	482.85	TOTAL
MEAN	---	---	---	---	---	---	---	3.40	4.24	4.22	4.98	4.70	15.6	MEAN
MAX	---	---	---	---	---	---	---	5.37	6.80	5.28	7.32	8.14	27.0	MAX
MIN	---	---	---	---	---	---	---	2.51	3.36	3.53	3.36	3.07	9.65	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 53 34 N
LONG 76 07 25 W
DRAINAGE AREA, 786 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	9 120
FEB	---	AUG	11 400
MAR	---	SEP	10 900
APR	---	OCT	13 300
MAY	---	NOV	12 200
JUN	---	DEC	41 700

TEESWATER RIVER NEAR PAISLEY - STATION NO. 02FC015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.24B	3.92B	3.04B	83.8	8.89	8.46	8.41	2.81	3.24	4.26	3.51	22.9	1
2	5.88B	3.84B	3.02B	82.7	8.37	7.70	7.06	3.46	3.15	3.48	9.10	36.5	2
3	6.96B	3.75B	3.00B	94.8	7.92	6.54	6.01	4.16	3.33	3.26	13.9	31.7	3
4	8.40B	3.63B	2.99B	86.0	7.51	5.53	5.43	4.64	3.19	3.16	12.4	30.7	4
5	10.9 B	3.57B	2.98B	80.5	7.00	4.82	5.01	5.47	3.13	2.90	11.2	28.1	5
6	13.5	3.53B	2.97B	76.9	6.61	4.58	4.60	5.11	2.98	2.73	10.3	31.8	6
7	10.6 B	3.49B	3.00B	69.8	6.34	4.71	4.22	4.12	3.03	2.70	5.54	27.5	7
8	9.12B	3.43B	3.02B	58.5	6.17	4.50	3.79	3.79	2.78	2.53	9.18	24.7	8
9	8.21B	3.40B	3.04B	52.6	6.14	4.14	3.52	4.54	2.63	2.27	8.11	21.3B	9
10	7.44B	3.36B	3.08B	47.9	5.92	3.88	3.17	4.48	2.38	2.32	7.06	18.2B	10
11	6.90B	3.33B	4.12B	42.4	5.67	3.61	3.09	3.88	2.88	2.86	6.47	15.0B	11
12	6.56B	3.30B	6.29B	39.5	5.27	3.49	3.05	3.51	2.17	3.44	9.90	13.0B	12
13	6.15B	3.27B	11.3 B	43.6	5.01	3.50	2.90	3.13	2.36	3.21	13.7	12.0B	13
14	5.88B	3.25B	19.8 B	42.3	4.75	3.47	2.79	2.90	2.19	3.08	13.5	11.5B	14
15	5.60B	3.22B	27.6 B	42.0	4.41	6.49	2.62	2.91	2.26	3.16	13.1	11.5	15
16	5.38B	3.31B	30.2 B	42.5	4.21	29.4	2.45	2.88	2.51	4.31	12.0	23.4	16
17	5.21B	3.34B	32.9 B	49.4	4.15	22.5	2.35	2.48	2.71	5.64	10.7	22.1	17
18	5.09B	3.39B	35.3 B	46.9	4.01	18.4	2.67	2.56	3.95	5.36	9.99	24.4	18
19	4.94B	3.44B	33.9 B	43.6	3.75	25.2	3.23	2.37	4.97	4.80	9.95	20.2	19
20	4.86B	3.37B	30.7 B	40.8	3.92	27.1	2.93	5.17	4.92	4.34	11.1	14.6	20
21	4.74B	3.31B	28.6 B	35.7	4.41	39.3	2.61	4.42	4.34	4.28	14.6	13.5	21
22	4.65B	3.28B	26.8 B	30.2	4.28	35.1	2.37	4.05	3.98	3.98	14.9	12.7	22
23	4.68B	3.21B	25.4 B	25.4	5.54	31.0	2.13	5.19	3.89	3.63	15.8	12.4	23
24	4.92B	3.18B	29.7 B	20.7	7.64	26.3	2.07	4.77	3.99	3.47	23.0	23.1	24
25	4.88B	3.12B	33.5 B	17.4	7.51	21.5	2.08	6.44	4.01	3.30	19.7	41.8	25
26	4.66B	3.09B	35.6 B	14.9	6.46	20.1	2.14	7.03	3.97	3.04	18.2	40.7	26
27	4.55B	3.07B	31.0 B	13.0	5.37	17.5	2.18	5.66	4.26	3.10	16.2	40.9	27
28	4.44B	3.06B	27.4 B	11.6	5.60	15.1	3.19	4.41	5.11	2.87	14.8	41.6	28
29	4.29B		25.2 B	10.5	10.7	12.7	3.73	3.72	5.65	2.80	23.7	38.2	29
30	4.12B		42.6 B	9.65	10.4	10.3	3.30	3.57	5.05	2.59	23.9	32.0	30
31	4.01B		107		9.84		2.85	3.33		2.72		25.7	31
TOTAL	192.76	94.46	675.05	1 355.55	193.77	426.92	107.95	126.96	104.21	105.59	389.11	753.8	TOTAL
MEAN	6.22	3.37	21.8	45.2	6.25	14.2	3.48	4.10	3.47	3.41	13.0	24.3	MEAN
MAX	13.5	3.92	107	94.8	10.7	39.3	8.41	7.03	5.65	5.64	23.9	41.8	MAX
MIN	4.01	3.06	2.97	9.65	3.75	3.47	2.07	2.37	2.08	2.27	3.51	11.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.4
MAXIMUM DAILY, 107 ON MAR 31
MINIMUM DAILY, 2.07 ON JUL 24
MAXIMUM INSTANTANEOUS,
119 AT 18:56 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 16 07 N
LONG 81 16 09 W
DRAINAGE AREA, 663 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 700	JUL	9 330
FEB	8 160	AUG	11 000
MAR	58 300	SEP	9 000
APR	117 000	OCT	9 120
MAY	16 700	NOV	33 600
JUN	36 900	DEC	65 100

TOTAL DISCHARGE, 391 000 dam³

TEMAGAMI LAKE AT TEMAGAMI - STATION NO. 02DC010

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	293.495	293.245	293.065	292.925	293.218	293.532	293.629	293.617	293.608	293.696	293.696	293.525	1
2	293.480	293.236	293.047	292.916	293.236	293.565	293.635	293.611	293.617	293.693	293.678	293.525	2
3	293.464	293.227	293.038	292.916	293.254	293.559	293.632	293.608	293.635	293.690	293.675	293.538	3
4	293.446	293.218	293.026	292.916	293.272	293.556	293.629	293.596	293.641	293.687	293.675	293.553	4
5	293.455	293.218	293.026	292.916	293.297	293.556	293.626	293.596	293.647	293.687	293.675	293.568	5
6	293.446	293.211	293.019	292.916	293.315	293.556	293.626	293.596	293.653	293.678	293.669	293.586	6
7	293.446	293.205	293.013	292.916	293.330	293.556	293.626	293.602	293.656	293.687	293.660	293.556	7
8	293.440	293.196	293.004	292.916	293.339	293.565	293.647	293.611	293.647	293.696	293.647	293.547	8
9	293.437	293.187	293.004	292.916	293.352	293.565	293.647	293.617	293.647	293.696	293.635	293.538	9
10	293.434	293.187	292.995	292.916	293.367	293.577	293.647	293.626	293.647	293.699	293.626	293.525	10
11	293.431	293.175	292.992	292.916	293.397	293.586	293.647	293.608	293.650	293.702	293.635	293.522	11
12	293.428	293.175	292.992	292.916	293.407	293.577	293.647	293.596	293.653	293.705	293.635	293.516	12
13	293.416	293.169	292.989	292.916	293.407	293.577	293.647	293.586	293.656	293.714	293.629	293.507	13
14	293.407	293.163	292.989	292.916	293.407	293.577	293.635	293.589	293.666	293.717	293.623	293.507	14
15	293.397	293.157	292.986	292.925	293.416	293.580	293.63E	293.592	293.656	293.720	293.617	293.507	15
16	293.394	293.126	292.977	292.925	293.425	293.583	293.635	293.596	293.666	293.727	293.626	293.516	16
17	293.388	293.126	292.977	292.943E	293.431	293.586	291.641	293.586	293.687	293.733	293.635	293.525	17
18	293.385	293.114	292.968	292.958E	293.431	293.589	293.641	293.586	293.705	293.736	293.635	293.519	18
19	293.364	293.108	292.968	292.977	293.461	293.592	293.647	293.586	293.730	293.748	293.586	293.513	19
20	293.346	293.102	292.962	292.995	293.492	293.596	293.635	293.596	293.757	293.748	293.586	293.507	20
21	293.336	293.099	292.958	293.016	293.492	293.602	293.635	293.599	293.705	293.766	293.586	293.507	21
22	293.327	293.096	292.955	293.016	293.492	293.608	293.626	293.602	293.705	293.757	293.586	293.495	22
23	293.321	293.096	292.955	293.077	293.492	293.608	293.626	293.608	293.714	293.748	293.586	293.486	23
24	293.312	293.096	292.925	293.080	293.492	293.608	293.626	293.586	293.727	293.745	293.586	293.486	24
25	293.306	293.096	292.937	293.083	293.492	293.626	293.626	293.596	293.724	293.739	293.577	293.492	25
26	293.297	293.096	292.925	293.087	293.522	293.623	293.626	293.596	293.720	293.727	293.568	293.501	26
27	293.285	293.080	292.922	293.117	293.516	293.620	293.617	293.614	293.717	293.727	293.562	293.507	27
28	293.266	293.065	292.919	293.147	293.516	293.617	293.626	293.611	293.705	293.717	293.553	293.513	28
29	293.245		292.916	293.178	293.519	293.617	293.626	293.608	293.705	293.727	293.547	293.516	29
30	293.245		292.904	293.205	293.522	293.617	293.626	293.608	293.705	293.714	293.538	293.516	30
31	293.245		292.916		293.525		293.623	293.608		293.705		293.516	31
MEAN	293.377	293.152	292.976	292.985	293.414	293.586	293.633	293.601	293.678	293.717	293.617	293.520	MEAN
MAX	293.495	293.245	293.065	293.205	293.525	293.626	293.647	293.626	293.757	293.766	293.696	293.586	MAX
MIN	293.245	293.065	292.904	292.916	293.218	293.532	293.617	293.586	293.608	293.678	293.538	293.486	MIN

WATER LEVELS IN METRES

MEAN, 293.440
MAXIMUM DAILY, 293.766 ON OCT 21
MINIMUM DAILY, 292.904 ON MAR 30

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 47 03 46 N
LONG 79 47 44 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO TEMISKAMING AND NORTHERN ONTARIO RAILWAY DATUM
APPLY 0.076 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

TEMAGAMI RIVER AT CROSS LAKE DAM - STATION NO. 02DC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.6	21.7	24.1	20.4	0	0	0	0	0	18.4	27.3	33.7	1
2	26.6	21.7	22.7	19.8	0	0	0	0	0	18.4	27.3	33.7	2
3	26.6	21.0	22.7	19.8	0	0	0	0	0	18.4	27.3	34.3	3
4	26.6	21.0	22.7	19.8	0	0	0	0	0	17.2	27.3	34.3	4
5	26.6	29.7	22.7	19.8	0	0	0	0	0	17.2	27.3	33.7	5
6	26.6	29.7	22.7	19.8	0	0	0	0	0	17.2	27.3	34.3	6
7	26.6	29.7	22.7	19.8	0	0	0	0	0	17.2	27.3	33.7	7
8	25.9	29.7	22.7	19.8	0	0	0	0	0	18.4	27.3	25.4	8
9	25.9	29.4	22.7	19.8	0	0	0	0	0	18.4	27.3	27.1	9
10	25.9	29.4	22.7	19.8	0	0	0	0	0	18.4	27.3	27.1	10
11	25.9	28.9	22.7	19.8	0	0	0	0	0	18.4	27.3	27.1	11
12	25.9	28.9	22.7	19.8	0	0	0	0	0	12.8	27.3	27.1	12
13	25.9	28.9	22.7	19.8	0	0	0	0	0	0	27.3	27.1	13
14	25.9	28.6	22.7	19.8	0	0	0	0	0	0	27.3	27.1	14
15	25.9	28.3	22.7	0	0	0	0	0	0	0	27.3	27.6	15
16	25.9	27.2	22.7	0	0	0	0	0	0.708	0	27.3	27.6	16
17	25.9	26.9	22.7	0	0	0	0	0	1.53	0	27.3	27.1	17
18	25.9	26.9	22.7	0	0	0	0	0	2.12	4.96	27.3	27.1	18
19	25.9	26.3	22.7	0	0	0	0	0	2.72	13.2	27.3	27.0	19
20	25.9	26.1	22.4	0	0	0	0	0	3.31	18.3	27.3	27.6	20
21	25.9	25.8	22.1	0	0	0	0	0	7.62	28.9	27.3	27.6	21
22	25.9	25.5	22.1	0	0	0	0	0	7.62	44.2	27.3	31.1	22
23	25.9	25.5	22.1	0	0	0	0	0	7.62	27.5	27.3	31.1	23
24	25.9	25.5	22.1	0	0	0	0	0	15.2	27.5	27.3	31.1	24
25	25.9	25.5	22.1	0	0	0	0	0	19.7	27.5	27.3	31.1	25
26	25.9	25.5	20.4	0	0	0	0	0	19.7	27.3	27.3	31.1	26
27	22.4	25.5	20.1	0	0	0	0	0	18.4	27.3	27.3	31.1	27
28	22.4	24.1	19.8	0	0	0	0	0	18.4	27.3	27.3	31.1	28
29	21.7		19.8	0	0	0	0	0	18.4	28.0	27.3	31.7	29
30	21.7		19.8	0	0	0	0	0	18.4	28.0	27.3	31.1	30
31	21.7		19.8		0		0	0		28.0		31.1	31
TOTAL	788.2	742.9	685.3	277.8	0	0	0	0	161.448	568.36	819.0	928.9	TOTAL
MEAN	25.4	26.5	22.1	9.26	0	0	0	0	5.38	18.3	27.3	30.0	MEAN
MAX	26.6	29.7	24.1	20.4	0	0	0	0	19.7	44.2	27.3	34.3	MAX
MIN	21.7	21.0	19.8	0	0	0	0	0	0	0	27.3	25.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.6
MAXIMUM DAILY, 44.2 ON OCT 22
MINIMUM DAILY, 0 ON APR 15

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 46 41 N
LONG 79 58 43 W
DRAINAGE AREA, 1 360 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	68 100	JUL	0
FEB	64 200	AUG	0
MAR	59 200	SEP	13 900
APR	24 000	OCT	49 100
MAY	0	NOV	70 800
JUN	0	DEC	80 300

TOTAL DISCHARGE, 430 000 dam³

TEMAGAMI RIVER AT RED CEDAR LAKE DAM - STATION NO. 02DC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.5	37.9	37.9	59.7	46.7	0.906	0.113	0	2.12	22.3	39.1	69.7	1
2	45.6	37.9	40.8	58.6	50.1	0.906	0.113	0	2.12	22.3	39.1	68.5	2
3	45.6	37.9	44.5	57.2	53.8	1.33	0.057	0	2.12	23.1	39.9	61.2	3
4	45.6	41.6	42.2	57.2	42.5	1.10	0.057	0	2.12	23.1	39.9	56.1	4
5	45.6	46.7	45.6	57.2	14.8	1.10	0	0	2.12	24.0	39.9	57.2	5
6	45.6	46.7	45.6	63.4	1.61	1.10	0	0	2.12	24.0	39.9	64.0	6
7	45.6	46.7	42.2	62.3	3.43	1.10	0	0	2.12	25.9	41.1	71.1	7
8	45.6	46.7	39.9	59.7	5.41	0.906	0	0	1.05	30.9	41.1	71.1	8
9	45.6	51.8	43.3	58.6	7.16	1.10	0	0	0.311	36.8	41.1	69.7	9
10	45.6	58.6	45.3	57.2	4.62	1.10	0	0.765	0.425	36.8	41.1	68.5	10
11	44.5	56.1	43.0	56.1	1.10	0.906	0	1.42	0.425	36.8	41.1	67.1	11
12	43.3	53.8	46.4	56.1	2.27	0.906	0	1.42	0.425	37.9	42.2	66.0	12
13	43.3	51.0	46.7	56.1	3.43	0.906	0	1.42	0.425	37.9	43.3	64.6	13
14	43.3	49.0	44.5	58.6	4.39	0.906	0	1.42	0.566	41.9	44.5	57.8	14
15	42.2	52.1	42.2	58.6	5.41	0.736	0	1.42	5.61	45.6	45.6	51.3	15
16	42.2	56.1	39.9	57.2	5.97	0.736	0	1.27	9.03	43.3	45.6	51.3	16
17	41.1	52.0	37.9	60.9	7.16	0.736	0	1.42	8.38	41.1	45.6	51.3	17
18	41.1	50.1	41.3	67.1	7.16	0.566	0	1.27	8.38	39.1	46.7	51.3	18
19	41.1	47.9	42.2	72.5	7.76	0.566	0	1.27	8.38	37.9	46.7	51.3	19
20	39.9	45.6	39.1	75.0	5.47	0.566	0	1.42	8.38	39.1	46.7	51.3	20
21	39.9	44.5	36.8	83.0	3.43	0.566	0	1.42	8.38	42.2	46.7	45.0	21
22	39.1	42.2	34.8	84.4	3.43	0.566	0	1.42	8.38	63.7	47.9	39.9	22
23	39.1	44.7	33.7	84.4	3.43	0.425	0	2.12	9.71	79.0	47.9	39.9	23
24	39.1	49.0	31.7	87.2	3.91	0.425	0	2.12	17.1	76.2	47.9	42.2	24
25	39.1	46.7	35.4	90.0	3.91	0.425	0	2.12	25.9	64.6	47.9	43.3	25
26	39.1	43.3	37.9	62.9	2.07	0.311	0	2.12	25.9	47.9	67.4	44.5	26
27	37.9	41.1	34.8	22.2	0.736	0.311	0	2.12	21.5	47.9	76.5	44.5	27
28	37.9	39.9	32.6	29.7	0.736	0.198	0	2.12	20.5	47.9	73.6	46.7	28
29	37.9		30.6	35.7	0.906	0.198	0	2.12	20.5	42.2	72.5	60.0	29
30	37.9		46.7	41.1	0.906	0.113	0	2.12	21.3	36.8	71.1	72.5	30
31	37.9		59.7		0.906		0	2.12		37.9		71.1	31
TOTAL	1 301.8	1 318.0	1 265.2	1 829.9	304.620	21.716	0.340	36.435	245.797	1 256.1	1 449.6	1 770.0	TOTAL
MEAN	42.0	47.1	40.8	61.0	9.83	0.724	0.011	1.18	8.19	40.5	48.3	57.1	MEAN
MAX	45.6	58.6	59.7	90.0	53.8	1.33	0.113	2.12	25.9	79.0	76.5	72.5	MAX
MIN	37.9	37.9	30.6	22.2	0.736	0.113	0	0	0.311	22.3	39.1	39.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 29.6
MAXIMUM DAILY, 90.0 ON APR 25
MINIMUM DAILY, 0 ON JUL 5

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 40 45 N
LONG 79 59 42 W
DRAINAGE AREA, 2 360 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	112 000	JUL	29.4
FEB	114 000	AUG	3 150
MAR	109 000	SEP	21 200
APR	158 000	OCT	109 000
MAY	26 300	NOV	125 000
JUN	1 880	DEC	153 000

TOTAL DISCHARGE, 933 000 dam³

THAMES RIVER AT BYRON - STATION NO. 02GE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.8B	11.8B	10.9 B	771	25.5	37.4	31.7	8.82	12.7	45.2	31.8	129	1
2	15.5B	11.0B	10.9 B	657	24.4	36.0	26.5	14.3	12.9	37.9	24.1	95.0	2
3	17.0B	11.0B	10.0 B	429	23.1	27.0	20.5	10.6	14.2	30.2	44.4	73.4	3
4	32.1	10.9B	9.60B	393	21.4	23.3	18.2	10.1	14.6	28.3	52.5	90.3	4
5	66.4	10.9B	10.3 B	184	18.8	26.5	16.8	9.61	13.1	25.6	62.8	150	5
6	62.3	10.8B	10.7 B	150	14.5	42.1	12.7	9.23	12.1	23.6	59.8	222	6
7	51.9	10.8B	10.5 B	119	16.0	45.5	12.8	8.97	11.3	23.5	43.3	244	7
8	37.0	10.7B	10.4 B	99.9	18.0	40.7	11.7	13.3	11.8	22.9	35.4	145	8
9	26.1	10.7B	10.0 B	99.0	17.9	39.3	11.0	10.5 A	13.5	20.8	31.4	101	9
10	19.0B	10.8B	10.0 B	125	16.8	25.7	9.99	9.00E	12.5	19.6	29.4	73.7	10
11	17.8B	10.7B	14.0 B	113	15.9	23.4	9.78	8.00E	10.2	20.5	36.0	59.6	11
12	16.5B	10.7B	16.8	102	15.8	20.1	9.64	7.45A	9.33	20.7	61.4	50.4	12
13	15.8B	10.6B	42.2	132	13.6	32.2	9.49	7.12	9.18	19.9	118	38.8	13
14	15.4B	10.5B	105	191	10.5	25.6	8.99	6.79	9.17	18.9	120	36.2	14
15	14.8B	10.8B	197	143	9.41	21.7	9.19	6.47	11.2	17.5	98.3	39.5	15
16	14.6B	11.5B	236	123	11.3	30.4	9.04	6.55	14.6	18.7	71.2	80.6	16
17	14.2B	11.7B	249	167	11.8	29.3	9.60	6.50	12.7	16.5	52.0	139	17
18	14.0B	11.6B	261	182	11.9	23.1	9.25	6.31	14.4	13.2	44.9	90.9	18
19	13.7B	11.5B	248	117	12.0	23.7	10.0	6.03	16.7	13.8	41.6	63.6	19
20	13.5B	11.3B	237	94.8	11.3	25.9	10.9	6.02	17.3	14.2	43.1	52.1	20
21	13.4B	11.1B	262	111	13.0	37.4	11.9	5.97	16.8	13.9	83.2	45.1	21
22	13.4B	11.2B	287	95.3	13.5	36.6	10.8	5.79	17.5	13.8	163	39.5	22
23	13.7B	11.2B	267	72.2	12.9	32.6	9.31	6.26	26.8	13.2	168	38.7	23
24	13.9B	11.0B	309	60.0	13.7	23.6	8.23	6.23	33.1	12.7	174	80.9	24
25	13.5B	10.8B	313	52.8	12.6	21.2	7.41	31.4	37.8	12.4	166	348	25
26	13.1B	10.7B	247	48.3	12.0	20.2	7.25	31.0	39.2	12.1	109	536	26
27	12.8B	10.7B	163	42.4	14.0	19.3	7.83	33.2	50.1	15.5	74.3	358	27
28	12.5B	10.9B	121	34.5	64.4	18.3	8.87	24.7	54.1	21.0	59.8	207	28
29	12.2B		106	29.6	87.1	35.2	9.14	18.3	76.6	17.7	80.7	184	29
30	11.8B		139	27.1	47.2	36.6	9.10	16.2	55.1	18.6	144	119	30
31	11.7B		575		37.1		10.8	12.5		19.5		78.9	31
TOTAL	633.4	307.9	4 458.30	4 964.9	647.41	879.9	367.41	363.22	670.58	621.9	2 323.4	4 009.2	TOTAL
MEAN	20.4	11.0	144	165	20.9	29.3	11.9	11.7	22.4	20.1	77.4	129	MEAN
MAX	66.4	11.8	575	771	87.1	45.5	31.7	33.2	76.6	45.2	174	536	MAX
MIN	11.7	10.5	9.60	27.1	9.41	18.3	7.25	5.79	9.17	12.1	24.1	36.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 55.5
MAXIMUM DAILY, 771 ON APR 1
MINIMUM DAILY, 5.79 ON AUG 22
MAXIMUM INSTANTANEOUS,
834 AT 19:51 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 57 47 N
LONG 81 19 55 W
DRAINAGE AREA, 3 110 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	54 700	JUL	31 700
FEB	26 600	AUG	31 400
MAR	385 000	SEP	57 900
APR	429 000	OCT	53 700
MAY	55 900	NOV	201 000
JUN	76 000	DEC	346 000

TOTAL DISCHARGE, 1 750 000 dam³

THAMES RIVER AT CHATHAM - STATION NO. 02GE004

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.676	1.618	1.545	3.350	1.736E	1.865	1.813E	1.730	1.605	1.680	1.460	2.010	1
2	1.737	1.585	1.530	3.910	1.733E	1.845	1.800	1.712E	1.620	1.577E	1.550	2.120	2
3	1.798	1.564	1.540	4.130E	1.730	1.825	1.795E	1.695	1.640	1.573E	1.790	2.020	3
4	1.868	1.570	1.550	4.350E	1.700	1.790	1.790E	1.705	1.660	1.570	1.770	2.100E	4
5	2.167	1.548	1.570	4.570	1.690	1.805E	1.785	1.700	1.620	1.550	1.760	2.180E	5
6	2.100	1.525E	1.585E	4.000	1.710	1.817E	1.760	1.695	1.600	1.540	1.700E	2.260	6
7	2.042	1.501E	1.600E	2.980	1.730	1.830	1.745	1.723E	1.605	1.550	1.640E	2.460	7
8	1.865	1.478	1.615	2.360	1.720E	1.845	1.755	1.751E	1.605	1.540	1.580	2.620	8
9	1.651E	1.487	1.625	2.290E	1.710E	1.795	1.740	1.780	1.560	1.538E	1.530	2.405E	9
10	1.638E	1.487	1.600	2.220	1.700	1.820	1.743E	1.720	1.565	1.535E	1.460	2.190	10
11	1.625	1.481	1.600	2.290E	1.690	1.760	1.746E	1.710	1.530	1.533E	1.540E	1.960E	11
12	1.634	1.487	1.675	2.360	1.690	1.750E	1.750	1.690	1.535E	1.530	1.620	1.830E	12
13	1.658	1.487E	2.475E	2.400	1.680	1.740E	1.720	1.675	1.540	1.520	1.741E	1.700	13
14	1.667	1.487E	3.275E	2.400	1.660	1.730	1.715	1.670E	1.530	1.560	1.860E	1.630	14
15	1.679	1.487	4.110	2.455	1.668E	1.740	1.735	1.665E	1.590	1.530	1.990	1.570	15
16	1.675E	1.503	3.960	2.465	1.675E	1.755	1.720	1.660	1.650	1.513E	1.860	1.750	16
17	1.671E	1.547	4.455	2.500E	1.685	1.805	1.730E	1.670	1.555	1.495E	1.720	2.030	17
18	1.667	1.565	4.700	2.535E	1.675	1.790	1.740E	1.650	1.680	1.480	1.620	2.040E	18
19	1.658	1.565	5.070	2.570	1.680	1.775E	1.750	1.690	1.550	1.488	1.540	2.045E	19
20	1.643	1.560E	4.485E	2.410	1.695	1.763E	1.735	1.650	1.570	1.550	1.765E	2.050	20
21	1.658	1.555E	3.935E	2.200	1.640	1.750	1.715	1.640E	1.560	1.520	1.990E	1.980	21
22	1.661	1.550	3.385	2.110	1.665E	1.845	1.710	1.630E	1.530	1.470	2.210	1.760	22
23	1.651E	1.540	3.285	2.125	1.690	1.835	1.740	1.620	1.540	1.470E	2.240	1.680	23
24	1.641E	1.565	3.235	2.030E	1.698E	1.795	1.730E	1.645	1.490	1.470E	2.570	1.730	24
25	1.631	1.570	3.275	1.930E	1.705	1.775	1.720E	1.750	1.550E	1.470	2.530	2.048	25
26	1.649	1.570	3.330	1.835	1.685	1.767E	1.710	1.635	1.610E	1.470	2.410	2.890	26
27	1.637	1.562E	3.010E	1.880	1.670	1.758E	1.685	1.710	1.670	1.450	2.228E	2.915E	27
28	1.603	1.555E	2.700E	1.820	1.750	1.750	1.810	1.680	1.700	1.450	2.155E	2.940	28
29	1.573		2.395	1.755	1.800E	1.775	1.750	1.660	1.660	1.420	2.030	2.910E	29
30	1.588E		2.265	1.740	1.845E	1.825	1.725	1.645	1.700	1.433E	1.980	2.880E	30
31	1.603E		2.595		1.895		1.728E	1.630		1.445E		2.850E	31
MEAN	1.710	1.536	2.741	2.598	1.710	1.791	1.745	1.683	1.594	1.513	1.861	2.179	MEAN
MAX	2.167	1.618	5.070	4.570	1.895	1.865	1.813	1.780	1.700	1.680	2.570	2.940	MAX
MIN	1.573	1.478	1.530	1.740	1.640	1.730	1.685	1.620	1.490	1.420	1.460	1.570	MIN

WATER LEVELS IN METRES

MEAN, 1.891
MAXIMUM DAILY, 5.070 ON MAR 19
MINIMUM DAILY, 1.420 ON OCT 29

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 42 24 51 N
LONG 82 10 42 W

E - ESTIMATED

REGULATED

DRAINAGE AREA,
4 610 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 173.736 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - WATER LEVELS ADJUSTED TO REFLECT DATUM CHANGE

THAMES RIVER AT INGERSOLL - STATION NO. 02GD016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.99	1.85B	1.81B	68.3	2.61	3.91	8.98	1.35	2.89	10.9	2.46	17.5	1
2	2.63	1.80B	1.82B	73.7	2.53	4.00	6.08	1.80	3.06	7.83	4.57	12.9	2
3	2.62	1.75B	1.90B	73.2	2.41	3.37	2.86	1.60	3.11	7.41	8.99	10.3	3
4	7.40	1.72B	2.00B	52.9	2.33	4.54	2.88	1.56	2.90	7.18	14.3	12.4	4
5	8.55B	1.68B	2.00B	43.4	2.35	5.53	2.84	1.50	2.85	6.90	13.5	19.2	5
6	7.00B	1.65B	1.97B	38.4	2.35	10.1	2.67	1.99	2.74	6.66	9.88	40.8	6
7	5.60B	1.70B	1.90B	31.5	2.30	9.49	2.56	1.91	3.35	6.39	7.11	41.7	7
8	4.63B	1.85B	1.83B	9.81	2.79	16.2	2.45	2.40	5.70	4.23	5.59	31.5	8
9	3.50B	1.63B	1.84B	10.2	2.45	6.88	2.37	2.10	5.17	3.82	4.78	17.7	9
10	2.85B	1.60B	1.95B	10.3	2.30	5.07	2.23	1.36	2.78	3.62	4.13	10.7	10
11	2.60B	1.55B	2.40B	9.36	2.16	4.58	2.08	1.28	2.26	3.99	5.19	8.40	11
12	2.50B	1.40B	3.00B	10.1	2.12	3.82	2.01	1.20	2.22	3.86	10.1	6.72	12
13	2.40B	1.42B	10.3 B	12.9	2.03	4.17	1.98	1.19	2.20	3.70	15.8	5.51	13
14	2.30B	1.52B	29.2	13.5	1.94	3.98	1.98	1.17	1.90	3.60	16.4	4.92	14
15	2.20B	1.60B	38.0	13.3	1.90	3.98	1.94	1.18	1.88	3.64	10.2	5.24	15
16	2.18B	1.70B	36.1	14.7	1.84	5.22	1.88	1.22	1.87	3.42	7.48	14.7	16
17	2.15B	1.80B	41.9	30.3	1.84	4.31	1.85	1.18	2.39	3.42	6.28	20.1	17
18	2.12B	1.79B	40.9	28.7	1.79	3.97	2.05	1.15	7.28	3.46	5.68	14.0	18
19	2.10B	1.80B	37.2	23.9	1.93	4.81	1.77	1.16	7.18	3.34	5.30	8.85	19
20	2.10B	1.80B	35.0	24.2	2.07	4.73	1.73	1.16	7.08	3.43	5.51	7.35	20
21	2.10B	1.80B	37.4	24.2	1.80	6.19	1.68	1.13	6.93	3.34	12.6	6.81	21
22	2.20B	1.80B	37.1	21.0	1.82	6.09	1.60	1.07	7.03	3.25	20.9	5.70	22
23	2.30B	1.76B	42.8	19.0	1.92	5.22	1.63	1.13	6.96	3.16	21.8	5.54	23
24	2.25B	1.81B	34.7	17.3	1.84	4.60	1.52	1.04	3.76	3.14	19.4	12.6	24
25	2.15B	1.90B	31.5	15.7	1.76	4.35	1.41	7.42	4.63	3.06	20.0	42.3	25
26	2.10B	1.85B	25.4	11.9	1.77	4.23	1.45	5.64	4.15	3.61	13.6	58.0	26
27	2.06B	1.82B	20.5	3.83	2.14	4.20	1.78	4.67	6.45	5.30	8.91	48.4	27
28	2.03B	1.80B	17.7	3.23	10.4	4.14	1.74	3.39	12.5	2.85	7.43	41.0	28
29	2.00B		17.3	2.70	7.60	7.68	1.49	3.13	12.2	2.26	11.3	31.9	29
30	1.95B		22.5	2.63	5.02	9.95	1.51	3.18	11.7	2.03	16.5	20.6	30
31	1.90B		74.9		4.10		1.49	2.95		2.15		11.8	31
TOTAL	93.46	48.15	654.82	714.16	84.21	169.31	72.49	68.21	107.12	134.95	315.69	594.74	TOTAL
MEAN	3.01	1.72	21.1	23.8	2.72	5.64	2.34	2.07	4.90	4.35	10.5	19.2	MEAN
MAX	8.55	1.90	74.9	73.7	10.4	16.2	8.98	7.42	12.5	10.9	21.8	58.0	MAX
MIN	1.90	1.40	1.81	2.63	1.76	3.37	1.41	1.04	1.87	2.03	2.46	4.92	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.47
MAXIMUM DAILY, 74.9 ON MAR 31
MINIMUM DAILY, 1.04 ON AUG 24
MAXIMUM INSTANTANEOUS,
82.5 AT 14:13 EST ON APR 3

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 02 20 N
LONG 80 53 08 W
DRAINAGE AREA, 518 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 070	JUL	6 260
FEB	4 160	AUG	5 550
MAR	56 600	SEP	12 700
APR	61 700	OCT	11 700
MAY	7 280	NOV	27 300
JUN	14 600	DEC	51 400

TOTAL DISCHARGE, 267 000 dam³

THAMES RIVER AT INNERKIP - STATION NO. 02GD021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.496	0.255B	0.208B	38.9	0.530	1.65	1.24	0.086	0.237	2.18	0.464	5.90	1
2	0.558	0.245B	0.209B	15.1	0.482	1.94	0.673	0.134	0.789	1.61	2.50	3.95	2
3	0.565	0.238B	0.210B	17.4	0.416	1.19	0.460	0.206	1.84	1.25	9.80	3.40	3
4	2.00	0.230B	0.220B	13.0	0.344	0.801	0.385	1.06	1.21	0.983	7.53	8.07	4
5	4.00	0.227B	0.230B	6.43	0.312	1.01	0.343	0.603	0.638	0.769	5.84	8.24	5
6	3.56	0.220B	0.228B	5.10	0.291	4.61	0.275	0.250	0.437	0.636	3.39	24.7	6
7	2.66	0.219B	0.224B	4.18	0.268	3.36	0.226	0.170	0.330	0.622	2.35	11.8	7
8	1.20 B	0.218B	0.220B	3.70	0.340	2.25	0.184	0.187	0.272	1.06	1.85	5.12	8
9	0.900B	0.215B	0.219B	5.62	0.320	1.60	0.161	0.193	0.242	1.01	1.45	3.43	9
10	0.580B	0.213B	0.218B	6.13	0.262	1.15	0.142	0.170	0.199	0.753	1.23	2.53	10
11	0.500B	0.212B	0.230B	4.47	0.236	0.808	0.128	0.134	0.177	1.47	1.71	1.99	11
12	0 460B	0.212B	0.300B	4.24	0.230	0.581	0.143	0.102	0.167	1.37	9.09	1.47	12
13	0.430B	0.211B	1.40 B	8.83	0.213	0.823	0.124	0.093	0.156	1.05	11.7	1.10 B	13
14	0.400B	0.211B	3.00 B	8.16	0.199	0.728	0.098	0.084	0.181	0.903	5.44	0.950B	14
15	0.370B	0.210B	4.20 B	6.28	0.194	0.552	0.088	0.078	9.11	0.947	3.37	1.08	15
16	0.350B	0.218B	6.00 B	5.53	0.186	2.39	0.087	0.077	5.65	0.958	2.66	8.54	16
17	0.330B	0.230B	10.0 B	11.7	0.178	1.10	0.108	0.063	2.34	0.758	2.36	6.44	17
18	0.310B	0.225B	40.3	8.01	0.175	0.724	0.229	0.057	2.16	0.643	2.07	2.94	18
19	0.300B	0.222B	34.6	4.40	0.219	0.892	0.411	0.060	2.62	0.600	1.87	2.04	19
20	0.280B	0.218B	24.8	4.76	1.03	1.19	0.322	0.084	1.50	0.618	2.01	1.65	20
21	0.270B	0.215B	15.7	6.56	0.533	1.16	0.180	0.092	1.00	0.645	10.4	1.33	21
22	0.265B	0.213B	13.0	3.48	0.358	0.925	0.133	0.094	0.883	0.570	11.2	1.13	22
23	0.300B	0.212B	14.1	2.40	0.474	0.673	0.109	0.088	6.88	0.520	5.82	1.16	23
24	0.330B	0.210B	13.6	1.85	0.425	0.569	0.092	0.083	6.56	0.486	11.7	7.34	24
25	0.317B	0.209B	15.1	1.42	0.360	0.431	0.075	4.16	7.95	0.462	6.30	30.9	25
26	0.307B	0.209B	11.6	1.13	0.301	0.392	0.073	3.33	7.05	0.449	3.46	27.3	26
27	0.297B	0.208B	7.53	1.00	0.316	0.351	0.073	1.18	8.36	0.426	2.52	9.06	27
28	0.290B	0.208B	5.54	0.816	6.52	0.310	0.153	0.566	10.8	0.411	2.20	10.3	28
29	0.280B		4.95	0.669	4.75	8.05	0.233	0.355	4.99	0.411	5.87	7.52	29
30	0.272B		10.9	0.611	2.50	2.63	0.139	0.302	3.03	0.409	9.57	3.76	30
31	0.263B		59.1		1.94		0.101	0.254		0.392		2.46 B	31
TOTAL	23.440	6.133	298.136	201.876	24.902	44.840	7.188	14.395	87.756	25.367	147.724	206.800	TOTAL
MEAN	0.756	0.219	9.62	6.73	0.803	1.49	0.232	0.464	2.93	0.818	4.92	6.67	MEAN
MAX	4.00	0.255	59.1	38.9	6.52	8.05	1.24	4.16	10.8	2.18	11.7	30.9	MAX
MIN	0.263	0.208	0.208	0.611	0.175	0.310	0.073	0.057	0.156	0.392	0.464	0.950	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.98
MAXIMUM DAILY, 59.1 ON MAR 31
MINIMUM DAILY, 0.057 ON AUG 18
MAXIMUM INSTANTANEOUS,
67.7 AT 18:52 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 12 55 N
LONG 80 41 24 W
DRAINAGE AREA, 149 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 030	JUL	621
FEB	530	AUG	1 240
MAR	25 800	SEP	7 580
APR	17 400	OCT	2 190
MAY	2 150	NOV	12 800
JUN	3 870	DEC	17 900

TOTAL DISCHARGE, 94 100 dam³

THAMES RIVER AT THAMESVILLE - STATION NO. 02GE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.0B	17.0B	16.5B	360	37.6	60.5	56.5	12.3	19.8	71.0	26.0	163	1
2	32.0B	16.1B	16.4B	477	35.2	65.4	46.5	17.0	16.6	55.1	50.4	172	2
3	37.0B	16.0B	16.3B	629	32.6	58.1	38.6	18.2	16.0	46.8	94.2	141	3
4	67.0B	15.9B	16.2B	673	30.2	45.0	32.7	21.2	16.9	38.5	91.1	122	4
5	139 B	15.8B	16.1B	562	29.0	35.2	27.4	16.1	17.8	34.6	86.6	132	5
6	138	15.7B	16.0B	401	26.5	46.3	25.7	14.0	17.6	32.1	82.4	194	6
7	124	15.6B	15.9B	225	24.0	64.8	22.9	12.9	16.1	30.2	81.6	232	7
8	99.9	15.5B	15.8B	161	20.3	66.4	18.4	15.9	15.0	29.2	84.5	267	8
9	74.6	15.4B	15.7B	144	21.8	56.3	17.6	20.7	14.2	29.4	51.2	226	9
10	57.3	15.3B	15.5B	141	23.0	51.1	16.3	20.8	14.9	27.6	43.8	153	10
11	54.0B	15.2B	15.0B	163	22.2	42.3	15.0	16.1	16.5	25.7	43.0	110	11
12	50.0B	15.2B	36.0B	169	20.8	32.9	13.8	13.4	15.1	25.2	71.5	85.0	12
13	46.0B	15.1B	98.0B	169	19.6	29.3	13.5	11.7	13.0	25.7	111	71.1	13
14	42.0B	15.1B	240 B	175	18.6	27.8	13.3	10.6	12.5	25.7	137	59.3	14
15	37.5B	15.0B	270 B	204	17.0	43.5	13.0	10.1	13.4	24.5	145	49.5	15
16	36.0B	15.2B	310 B	188	13.2	37.1	12.5	9.92	12.6	23.3	127	84.4	16
17	33.5B	16.0B	355 B	179	12.4	54.1	12.5	9.80A	14.7	23.3	99.4	137	17
18	32.0B	16.8B	440 B	197	13.8	49.1	12.3	9.73	18.1	29.7	75.0	164	18
19	29.0B	17.0B	420 B	213	13.9	39.2	13.0	9.65	16.6	28.6	60.9	141	19
20	27.5B	16.8B	377	167	13.9	38.1	12.9	9.68	18.6	23.2	59.2	116	20
21	26.0B	16.2B	342	130	14.4	49.0	13.0	9.51	20.5	21.5	102	103	21
22	25.0B	16.1B	331	129	14.0	60.3	13.8	9.09	20.7	21.2	171	81.2	22
23	24.0B	16.0B	327	122	14.7	57.2	14.5	8.87	21.9	20.6	195	69.7	23
24	22.8B	16.2B	324	96.9	15.8	50.2	13.3	8.81	27.2	20.2	232	96.0	24
25	21.8B	16.4B	335	79.8	15.6	40.3	11.7	9.54	36.5	19.6	233	154	25
26	21.0B	16.6B	346	69.6	15.6	32.8	10.6	22.6	45.7	18.9	215	295	26
27	20.0B	16.8B	324	62.4	15.4	31.0	9.88	35.9	52.9	18.5	169	383	27
28	19.2B	16.2B	248	56.8	30.8	30.2	11.1	37.5	73.3	18.0	117	456	28
29	18.6B		177	48.2	63.8	35.2	11.1	34.2	72.9	23.7	126	433	29
30	18.0B		156	41.5	104	43.0	11.7	27.2	84.6	26.4	140	298	30
31	17.2B		236		79.9		11.5	22.1		24.6		190	31
TOTAL	1 418.9	446.2	5 867.4	6 433.2	829.6	1 371.7	566.58	505.10	772.2	882.6	3 300.8	5 378.2	TOTAL
MEAN	45.8	15.9	189	214	26.8	45.7	18.3	16.3	25.7	28.5	110	173	MEAN
MAX	139	17.0	440	673	104	66.4	56.5	37.5	84.6	71.0	233	456	MAX
MIN	17.2	15.0	15.0	41.5	12.4	27.8	9.88	8.81	12.5	18.0	26.0	49.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 76.1
MAXIMUM DAILY, 673 ON APR 4
MINIMUM DAILY, 8.81 ON AUG 24
MAXIMUM INSTANTANEOUS,
690 AT 04:55 EST ON APR 4

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 32 42 N
LONG 81 58 04 W
DRAINAGE AREA, 4 300 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	123 080	JUL	49 000
FEB	38 600	AUG	43 680
MAR	507 000	SEP	66 700
APR	556 000	OCT	76 300
MAY	71 700	NOV	285 000
JUN	119 000	DEC	465 000

TOTAL DISCHARGE, 2 400 000 dam³

THAMES RIVER AT WOODSTOCK - STATION NO. 02GD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.907	0.720B	0.707	40.3	0.721	1.13	6.10	0.620	1.93	8.79	1.08	10.6	1
2	0.829	0.695	0.694	50.9	0.721	1.14	3.03	0.716	1.99	6.45	2.30	7.35	2
3	0.879	0.719	0.663	39.7	0.675	1.90	0.917	0.636	1.98	6.23	7.77	5.88	3
4	2.34	0.708	0.707	30.1	0.620	2.79	0.936	0.657	1.96	6.02	11.7	6.27	4
5	3.87	0.686	0.761	28.1	0.625	2.99	0.929	1.35	1.96	5.81	9.09	12.9	5
6	3.96	0.682	0.692	26.6	0.629	3.44	0.893	1.85	1.89	5.54	6.37	23.3	6
7	3.31	0.652	0.679	13.2	0.638	9.17	0.947	2.04	3.96	4.10	4.41	23.8	7
8	2.14	0.711	0.642	2.55	0.723	10.9	0.892	2.35	5.53	2.49	3.40	15.8	8
9	1.85	0.718	0.660	2.85	0.650	2.77	0.796	1.81	3.54	2.44	2.77	7.84	9
10	1.67	0.674	0.632	2.89	0.636	2.71	0.620	0.789	1.67	2.43	2.35	5.42	10
11	1.47 E	0.673	0.906	2.86	0.628	2.43	0.602	0.780	1.28	2.47	2.79	4.33	11
12	1.33 E	0.613	1.12	2.98	0.590	2.08	0.589	0.782	1.26	2.43	7.27	3.43	12
13	1.23 E	0.606	2.97	3.87	0.575	2.20	0.578	0.772	1.10	2.41	14.9	2.63	13
14	1.13 E	0.648	8.89	5.96	0.579	2.01	0.578	0.768	0.756	2.38	10.6	2.53	14
15	1.05 E	0.670	13.8	7.01	0.584	1.95	0.581	0.760	0.763	2.35	6.28	2.66	15
16	0.990E	0.682	14.5	13.6	0.585	1.92	0.573	0.757	0.766	2.31	4.62	8.21	16
17	0.930E	0.760	18.3	19.6	0.580	1.88	0.670	0.741	3.67	2.29	3.91	12.7	17
18	0.890E	0.674	18.7	18.3	0.600	2.13	0.655	0.728	7.01	2.25	3.41	6.77	18
19	0.840E	0.705	18.0	16.4	0.649	2.50	0.640	0.705	6.79	2.21	3.11	4.63	19
20	0.830E	0.708	17.8	16.2	0.620	2.47	0.633	0.796	6.59	2.21	3.17	3.74	20
21	0.820E	0.710	19.3	15.9	0.590	2.51	0.610	0.725	6.41	2.17	8.24	3.14	21
22	0.820A	0.704	18.9	15.2	0.629	2.46	0.610	0.729	6.32	2.15	16.9	2.71	22
23	0.864	0.689	17.1	14.5	0.617	2.40	0.610	0.722	3.94	2.10	11.3	2.64	23
24	0.832	0.807	10.1	13.5	0.595	2.39	0.596	0.725	2.31	2.04	13.1	6.25	24
25	0.747	0.677	11.4	12.6	0.592	2.39	0.589	3.03	2.46	1.99	12.5	22.1	25
26	0.763	0.683	11.3	5.39	0.584	2.35	0.590	3.44	2.45	4.80	7.02	28.7	26
27	0.772	0.683	11.4	0.768	0.656	2.34	0.602	2.75	7.49	2.82	4.97	26.5	27
28	0.759	0.685	10.9	0.743	1.92	2.35	0.671	2.02	11.5	1.35	4.13	21.6	28
29	0.715		10.7	0.741	1.26	4.57	0.597	1.99	11.2	1.03	6.84	17.1	29
30	0.750		12.0	0.723	1.06	7.28	0.635	1.97	10.7	0.998	12.3	9.14	30
31	0.745B		19.9		1.10		0.623	1.96		0.964		5.40	31
TOTAL	41.032	19.342	274.823	424.035	22.231	91.55	28.892	40.468	121.175	95.222	207.80	318.07	TOTAL
MEAN	1.32	0.691	8.87	14.1	0.717	3.05	0.932	1.31	4.04	3.07	6.93	10.3	MEAN
MAX	3.96	0.807	19.9	50.9	1.92	10.9	6.10	3.44	11.5	8.79	16.9	28.7	MAX
MIN	0.715	0.606	0.632	0.723	0.575	1.13	0.573	0.620	0.756	0.964	1.08	2.53	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.62
MAXIMUM DAILY, 50.9 ON APR 2
MINIMUM DAILY, 0.573 ON JUL 16
MAXIMUM INSTANTANEOUS,
54.4 AT 19:30 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 39 N
LONG 80 45 04 W
DRAINAGE AREA, 234 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 550	JUL	2 500
FEB	1 670	AUG	3 500
MAR	23 700	SEP	10 500
APR	36 600	OCT	8 230
MAY	1 920	NOV	18 000
JUN	7 910	DEC	27 500

TOTAL DISCHARGE, 146 000 dam³

THAMES RIVER NEAR DUTTON - STATION NO. 02GE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.6B	14.2B	12.0B	442	34.3	53.0E	43.1	12.0	13.6	53.8	23.7	163	1
2	23.8B	14.1B	11.9B	626	32.6	57.4E	34.9	11.1	13.8	44.6	50.8	144	2
3	27.1B	14.0B	11.8B	629	31.0	50.8E	28.8	17.5	14.5	36.1	69.1	111	3
4	61.5B	13.8B	11.8B	519	29.9	39.2E	23.0	13.3	15.5	31.1	75.1	104	4
5	108	13.7B	11.7B	430	27.6	30.4E	21.1	11.8	15.7	28.5	74.7	138	5
6	118	13.6B	11.6B	256	25.2	40.1E	19.5	11.1	14.3	26.3	77.5	197	6
7	102	13.5B	11.6B	168	20.9	56.3E	15.5	10.7	13.1	24.8	65.1	242	7
8	72.7	13.4B	11.5B	141	21.9	56.5A	14.9	11.3	12.4	25.2	48.2	241	8
9	50.0	13.3B	11.4B	123	23.5	48.2	13.8	16.3	13.3	24.1	39.4	167	9
10	43.3	13.2B	11.2B	137	22.9	42.8	13.0	13.7	14.5	22.0	35.4	117	10
11	35.0B	13.1B	16.5B	152	21.7	31.0	12.1	11.5	13.4	21.2	38.9	87.5	11
12	32.5B	13.1B	18.0B	143	20.4	26.9	12.0	9.84	11.4	22.0	71.7	70.5	12
13	29.0B	13.0B	54.0B	148	19.5	23.9	11.9	9.11	10.5	21.9	114	58.1	13
14	27.0B	13.0B	210 B	176	17.6	38.3	11.5	8.93	10.4	21.1	139	45.2	14
15	25.0B	12.9B	235 B	193	14.7	32.3	11.2	8.71	10.6	20.0	130	44.9	15
16	23.5B	12.8B	270 B	157	13.0	41.5	11.1	8.37	12.5	19.3	105	88.2	16
17	22.0B	13.0B	385 B	162	14.6	47.3	10.9	8.28	15.4	25.0	77.1	139	17
18	21.0B	13.2B	360 B	199	14.8	36.4	11.3	8.21	14.2	26.1	57.5	150	18
19	20.0B	13.8B	335 B	183	14.4	29.6	11.5	8.02	15.7	20.3	50.2	105	19
20	19.2B	13.6B	305	133	14.9	34.4	11.8	8.05	17.7	18.4	49.8	86.3	20
21	18.6B	13.4B	297	122	15.0	42.7	12.4	7.72	18.0	18.2	99.8	72.3	21
22	17.9B	13.1B	303	127	15.2	49.7	13.3	7.52	17.8	17.4	158	58.8	22
23	17.2B	13.2B	294	105	16.2	45.3	12.2	7.58	21.3	17.0	193	55.0	23
24	16.8B	13.5B	303	83.7	15.8	37.3	10.8	7.95	29.3	16.6	208	93.5	24
25	16.2B	13.2B	323	71.3	16.0	28.0	9.78	23.4	38.1	15.9	207	182	25
26	15.8B	12.5B	323	63.0	14.6A	25.2	9.01	33.1	40.6	15.3	179	336	26
27	15.4B	12.2B	268	57.6	13.3E	24.9	8.79	35.0	48.4	14.9	124	445	27
28	15.0B	12.0B	186	49.0	27.0E	23.0	9.32	31.6	60.6	19.0	89.5	445	28
29	14.8B		143	41.7	56.4E	26.0	10.3	23.9	78.0	23.3	105	311	29
30	14.6B		138	37.0	92.0E	48.5	9.66	19.1	74.8	20.7	133	210	30
31	14.2B		259		70.6E		10.6	16.9		20.9		134	31
TOTAL	1 058.7	371.4	5 142.0	5 872.3	787.5	1 166.9	459.06	431.59	699.4	731.0	2 888.5	4 841.3	TOTAL
MEAN	34.2	13.3	166	196	25.4	38.9	14.8	13.9	23.3	23.6	96.3	156	MEAN
MAX	118	14.2	385	629	92.0	57.4	43.1	35.0	78.0	53.8	208	445	MAX
MIN	14.2	12.0	11.2	37.0	13.0	23.0	8.79	7.52	10.4	14.9	23.7	44.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 67.0
MAXIMUM DAILY, 629 ON APR 3
MINIMUM DAILY, 7.52 ON AUG 22
MAXIMUM INSTANTANEOUS,
669 AT 23:27 EST ON APR 2

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 43 51 N
LONG 81 34 43 W
DRAINAGE AREA, 3 760 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	91 500	JUL	39 700
FEB	32 100	AUG	37 300
MAR	444 000	SEP	60 400
APR	507 000	OCT	63 200
MAY	68 000	NOV	250 000
JUN	101 000	DEC	418 000

TOTAL DISCHARGE, 2 110 000 dam³

THAMES RIVER NEAR EALING - STATION NO. 02GD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.73	5.45B	5.60B	241	10.9	18.8	17.7	4.15	5.84	16.9	5.73	43.6	1
2	9.71	5.45B	5.50B	157	10.7	20.2	13.8	5.98	6.16	14.4	10.5	35.5	2
3	9.52	5.45B	5.40B	137	10.2	15.1	10.0	5.65	6.05	11.9	21.5	29.0	3
4	16.0	5.55B	5.40B	141	9.79	12.6	9.32	5.02	6.53	11.2	28.1	35.4	4
5	39.4	5.60B	5.40B	90.6	9.46	14.5	9.04	4.91	5.93	10.6	28.6	46.6	5
6	33.2	5.60B	5.55B	74.1	9.31	29.3	7.85	4.80	5.71	10.1	23.2	103	6
7	24.9	5.65B	5.50B	65.2	8.94	30.1	7.15	5.00	5.42	9.97	17.4	109	7
8	14.9	5.65B	5.40B	49.1	9.17	26.1	6.64	6.51	6.65	9.13	13.9	70.7	8
9	11.2	5.60B	5.30B	36.3	9.37	24.6	6.19	6.37	8.01	7.43	11.8	49.0	9
10	7.80B	5.55B	5.30B	34.7	8.65	15.4	5.76	5.53	6.77	7.01	10.4	32.3	10
11	7.20B	5.37B	6.00B	39.3	8.00	13.1	5.76	4.60	5.34	7.70	12.5	24.7	11
12	7.00B	5.37B	9.01	40.3	7.46	10.9	5.54	4.32	4.61	7.84	27.1	20.0	12
13	6.80B	5.37B	22.9	29.7	7.34	22.8	5.23	4.14	4.47	7.49	41.5	16.7	13
14	6.65B	5.37B	70.9	25.7	6.96	16.2	4.96	4.00	4.38	7.22	36.8	15.3	14
15	6.55B	5.60B	101	33.6	6.61	13.4	4.88	3.87	4.05	7.05	28.9	15.1	15
16	6.45B	5.90B	123	38.7	6.44	19.2	4.69	3.91	5.46	7.60	20.4	42.4	16
17	6.30B	5.95B	128	58.4	6.40	15.3	5.11	3.87	5.16	6.92	17.0	56.4	17
18	6.20B	5.80B	131	69.9	6.32	11.9	5.17	3.77	7.40	6.70	15.3	38.4	18
19	6.10B	5.60B	115	54.0	6.53	13.0	5.14	3.70	9.89	6.57	13.9	26.4	19
20	6.00B	5.55B	106	49.0	7.31	14.2	5.07	3.69	9.82	6.67	14.4	22.0	20
21	5.95B	5.60B	111	59.5	6.92	16.6	4.81	3.65	9.52	6.69	35.8	19.4	21
22	5.95B	5.60B	103	47.1	6.69	18.4	4.44	3.60	9.91	6.51	65.0	17.3	22
23	6.20B	5.60B	113	38.2	7.01	15.3	4.32	3.74	12.8	6.27	53.2	17.3	23
24	6.40B	5.55B	121	33.2	7.07	12.1	4.14	3.77	13.4	6.12	60.3	40.7	24
25	6.55B	5.55B	109	29.5	6.64	10.6	3.94	13.9	12.5	6.06	51.6	103	25
26	6.45B	5.60B	87.8	26.9	6.40	10.1	3.93	16.5	13.1	6.01	37.6	160	26
27	6.20B	5.60B	63.7	19.9	7.63	9.77	4.38	9.98	13.9	7.53	26.4	117	27
28	6.00B	5.60B	49.0	14.2	42.4	9.36	5.09	7.70	20.7	7.00	21.5	92.6	28
29	5.80B		42.7	12.5	45.1	21.4	4.70	6.39	21.8	5.66	33.8	84.2	29
30	5.60B		55.6	11.3	24.2	21.3	4.60	6.40	18.7	5.11	49.4	56.9	30
31	5.50B		194		19.5		4.66	6.16		4.99		36.1	31
TOTAL	307.21	156.13	1 916.96	1 756.9	345.42	501.63	194.01	175.58	270.38	248.35	833.53	1 576.0	TOTAL
MEAN	9.91	5.58	61.8	58.6	11.1	16.7	6.26	5.66	9.01	8.01	27.8	50.8	MEAN
MAX	39.4	5.95	194	241	45.1	30.1	17.7	16.5	21.8	16.9	65.0	160	MAX
MIN	5.50	5.37	5.30	11.3	6.32	9.36	3.93	3.60	4.05	4.99	5.73	15.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.7
MAXIMUM DAILY, 241 ON APR 1
MINIMUM DAILY, 3.60 ON AUG 22
MAXIMUM INSTANTANEOUS,
268 AT 02:11 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 58 21 N
LONG 81 12 35 W
DRAINAGE AREA, 1 340 km²

B - ICE CONDITIONS

REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	26 500	JUL	16 800
FEB	13 500	AUG	15 200
MAR	166 000	SEP	23 400
APR	152 000	OCT	21 500
MAY	29 800	NOV	72 000
JUN	43 300	DEC	136 000

TOTAL DISCHARGE, 716 000 dam³

THREE MILE CREEK AT MOUNT HOPE - STATION NO. 02HA016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.009B	0 B	0.004B	0.176	0.004	0.008	0.002	0	0	0.016	0.016	0.065	1
2	0.007B	0 B	0.004B	0.066	0.003	0.009	0	0	0	0.008	0.107	0.060	2
3	0.006B	0 B	0.004B	0.484	0.001	0.003	0	0	0	0.004	0.169	0.082	3
4	0.210B	0 B	0.005B	0.056	0	0.001	0	0.002	0	0.003	0.421	0.120	4
5	0.100B	0 B	0.010B	0.032	0	0.130	0	0	0	0.002	0.180	0.154	5
6	0.020B	0 B	0.004B	0.038	0	0.560	0	0	0	0.001	0.063	0.244	6
7	0.005B	0 B	0.003B	0.032	0	0.192	0	0	0	0.018	0.037	0.071	7
8	0.003B	0 B	0.003B	0.039	0.010	0.047	0	0.001	0	0.041	0.026	0.042	8
9	0.001B	0 B	0.003B	0.096	0.010	0.016	0	0	0	0.016	0.020	0.035	9
10	0 B	0 B	0.003B	0.067	0.003	0.012	0	0	0	0.010	0.019	0.030	10
11	0 B	0 B	0.004B	0.060	0.001	0.009	0	0	0	0.025	0.037	0.028	11
12	0 B	0 B	0.900B	0.048	0	0.018	0	0	0	0.019	0.078	0.020	12
13	0 B	0 B	1.90 B	0.072	0	0.037	0	0	0	0.013	0.063	0.016	13
14	0	0 B	1.30 B	0.045	0	0.049	0	0	0	0.009	0.038	0.015	14
15	0	0.001B	1.00 B	0.031	C	0.043	0	0	0	0.005	0.028	0.035	15
16	0	0.002B	0.801	0.027	0	0.365	0	0	0	0.002	0.022	0.434	16
17	0	0.004B	0.853	0.058	0	0.045	0	0	0	0.001	0.021	0.108	17
18	0	0.006B	0.351	0.041	0	0.451	0	0	0	0.003	0.019	0.032	18
19	0	0.005B	0.296	0.022	0	0.229	0	0	0	0.004	0.018	0.027	19
20	0	0.004B	0.830	0.167	0	0.096	0	0	0	0.003	0.019	0.028	20
21	0	0.004B	0.443	0.110	0.002	1.12	0	0	0	0.004	0.097	0.028	21
22	0	0.004B	0.824	0.027	0.001	0.136	0	0	0.003	0.003	0.094	0.028	22
23	0	0.004B	0.704	0.017	0.007	0.054	0	0	0.069	0.002	0.100	0.032	23
24	0.002B	0.004B	0.578	0.014	0.002	0.017	0	0	0.019	0.001	0.342	0.326	24
25	0.001B	0.006B	0.120	0.012	0	0.011	0	0.063	0.044	0.001	0.070	1.29	25
26	0 B	0.010B	0.075	0.012	0	0.032	0	0.009	0.022	0.001	0.042	0.221	26
27	0 B	0.008B	0.058	0.011	0.003	0.016	0	0.002	0.257	0.001	0.035	0.081	27
28	0 B	0.004B	0.030	0.007	0.015	0.011	0.002	0	0.163	0.001	0.044	0.217	28
29	0 B		0.117	0.005	0.009	0.013	0	0	0.057	0.001	0.213	0.087	29
30	0 B		0.214	0.004	0.005	0.009	0	0	0.025	0.001	0.112	0.037	30
31	0 B		1.45		0.004		0	0		0.001		0.025	31
TOTAL	0.364	0.066	12.891	1.876	0.080	3.739	0.004	0.077	0.659	0.220	2.550	4.018	TOTAL
MEAN	0.012	0.002	0.416	0.063	0.003	0.125	0	0.002	0.022	0.007	0.085	0.130	MEAN
MAX	0.210	0.010	1.90	0.484	0.015	1.12	0.002	0.063	0.257	0.041	0.421	1.29	MAX
MIN	0	0	0.003	0.004	0	0.001	0	0	0	0.001	0.016	0.015	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.073
MAXIMUM DAILY, 1.90B ON MAR 13
MINIMUM DAILY, 0B ON JAN 10
MAXIMUM INSTANTANEOUS,
2.92 AT 09:56 EST ON DEC 25

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 09 58 N
LONG 79 54 34 W
DRAINAGE AREA, 4.38 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31.4	JUL	0.35
FEB	5.70	AUG	6.65
MAR	1 110	SEP	56.9
APR	162	OCT	19.0
MAY	6.91	NOV	220
JUN	323	DEC	347

TOTAL DISCHARGE, 2 290 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

TRENT RIVER AT GLEN ROSS - STATION NO. 02HK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	103	113 B	98.0B	337	425	220	157 A	28.3	46.9	129	92.5	271	1
2	110	112 B	101 B	373	421	225	127 A	28.7	39.9	128	105	273	2
3	110	112 B	103 B	411	383	223	148 A	30.7	44.1	112	167	304	3
4	116	123 B	103 B	467	294	205	144 A	28.0	43.1	99.8	229	327	4
5	115	130 B	102 B	458	251	163	101 A	32.8	34.5	86.3	272	329	5
6	123	131 B	101 B	453	180	160	72.9A	38.4	25.2	73.9	259	356	6
7	123	135 B	101 B	433	163	179	57.4A	41.3	22.6	76.7	230	375	7
8	121	133 B	102 B	414	172	174	50.7A	42.6	22.9	91.0	229	379	8
9	120	131 B	107 B	399	175	158	32.6A	50.4	20.5	84.1	223	379	9
10	125B	129 B	111	394	174	149	25.2A	50.1	23.2	80.2	220	377	10
11	133B	120 B	112	394	171	137	26.2A	47.7	25.3	81.7	205	378	11
12	132B	107 B	143	393	167	116	28.8A	33.4	25.9	113	204	381	12
13	131	105 B	167	387	137	110	30.8	24.1	25.7	135	188	376	13
14	130B	104 B	164	386	111	116	33.5	24.0	26.0	141	191	371	14
15	129B	103 B	176	394	96.3	139	31.9	23.8	34.3	147	189	368	15
16	128B	99.2B	186	429	104	164	28.2	23.8	42.4	136	183	372	16
17	128B	98.0B	191	451	111	189	30.0	23.7	43.3	122	179	368	17
18	127B	97.0B	184	460	117	198	35.3	24.3	55.5	119	182	362	18
19	127B	96.0B	183	465	101	189	39.1	25.1	50.4	119	181	373	19
20	126B	95.0B	195	475	85.2	173	49.0	27.2	51.8	122	174	364	20
21	126B	95.0B	205	503	85.6	181	63.7	29.5	57.0	112	171	356	21
22	128B	95.0B	199	519	90.5	196	52.9	28.1	73.4	92.9	193	344	22
23	130B	95.0B	198	527	82.2	211	43.7	31.0	111	87.7	213	296	23
24	130B	97.0B	212	531	87.9	212A	43.1	31.9	129	86.6	218	297	24
25	129B	98.0B	223	533	102	209A	35.3	43.9	122	84.8	224	304	25
26	127B	99.0B	255	534	114	209A	31.8	59.7	124	83.3	236	320	26
27	125B	98.0B	289	532	115	183A	37.3	75.8	129	83.2	240	341	27
28	123B	97.0B	273	527	126	179A	43.8	59.5	131	97.5	239	361	28
29	120B		259	518	152	166A	38.3	38.7	126	105	239	382	29
30	117B		256	465	179	161A	33.7	32.8	126	100	260	386	30
31	114B		263		204		32.1	42.5		96.6		383	31
TOTAL	3 826	3 047.2	5 362.0	13 562	5 176.7	5 294	1 704.3	1 121.8	1 831.9	3 226.3	6 135.5	10 853	TOTAL
MEAN	123	109	173	452	167	176	55.0	36.2	61.1	104	205	350	MEAN
MAX	133	135	289	534	425	225	157	75.8	131	147	272	386	MAX
MIN	103	95.0	98.0	337	82.2	110	25.2	23.7	20.5	73.9	92.5	271	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 168
MAXIMUM DAILY, 534 ON APR 26
MINIMUM DAILY, 20.5 ON SEP 9
MAXIMUM INSTANTANEOUS,
536 AT 09:20 EST ON APR 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 50 N
LONG 77 36 10 W
DRAINAGE AREA, 12 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	331 000	JUL	147 000
FEB	263 000	AUG	96 900
MAR	463 000	SEP	158 000
APR	1 170 000	OCT	279 000
MAY	447 000	NOV	530 000
JUN	457 000	DEC	938 000

TOTAL DISCHARGE, 5 280 000 dam³

TRENT RIVER AT HEALEY FALLS - STATION NO. 02HK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	65.2	89.9	77.1	185	290	136	94.1	23.2	61.6	98.9	71.3	232	1
2	65.3	89.9	75.2	227	286	145	82.4	24.7	59.2	97.8	94.7	238	2
3	66.4	89.9	78.8	258	215	143	69.6	25.6	47.0	87.3	115	255	3
4	73.9	99.9	79.8	296	155	110	59.4	26.9	34.5	66.4	142	264	4
5	87.4	105	80.8	289	119	81.4	47.4	31.1	30.3	56.6	164	270	5
6	96.4	105	79.8	299	95.7	75.1	39.0	35.2	27.4	54.9	175	289	6
7	94.7	108	81.8	265	89.3	79.5	28.0	36.4	25.2	53.7	175	298	7
8	97.2	106	79.0	259	85.7	77.2	26.1	36.4	24.8	55.7	179	296	8
9	98.9	104	81.1	253	84.9	74.9	23.2	36.3	26.3	57.0	171	290	9
10	102	104	85.1	251	89.6	72.9	19.9	35.9	27.0	57.3	171	290	10
11	108	95.5	89.5	249	83.3	72.4	19.9	31.0	24.8	59.7	172	295	11
12	106	83.8	93.8	248	73.8	60.9	26.0	24.3	24.8	75.0	175	293	12
13	106	82.8	96.5	253	61.0	55.1	29.3	22.3	25.0	88.8	177	290	13
14	106	81.8	96.9	257	57.7	67.7	26.2	20.3	25.0	90.1	173	286	14
15	103	80.8	96.9	275	58.5	85.2	22.4	20.2	33.0	93.3	171	287	15
16	106	77.8	98.9	296	58.4	115	23.5	20.6	41.6	95.5	172	288	16
17	105	74.8	103	301	56.0	145	25.4	22.9	41.4	96.1	170	284	17
18	104	74.8	103	310	51.4	145	26.6	23.3	36.4	98.8	170	283	18
19	103	74.8	104	312	42.8	133	32.6	23.4	30.8	100	169	283	19
20	101	73.8	107	312	41.1	132	34.3	25.0	40.3	92.1	166	283	20
21	98.7	73.8	106	326	46.7	145	34.0	25.8	49.4	72.6	166	268	21
22	101	73.8	106	333	49.7	160	31.7	22.4	63.7	64.7	169	240	22
23	101	73.8	109	339	46.1	163	29.4	27.2	87.9	61.2	171	225	23
24	101	77.6	112	343	51.3	159	30.5	28.8	97.4	62.4	186	217	24
25	101	77.6	122	344	54.1	157	30.5	44.9	97.0	60.5	201	215	25
26	99.9	76.6	147	341	59.5	143	33.8	72.5	96.1	64.1	203	225	26
27	96.8	76.6	166	340	58.7	137	30.9	85.5	96.5	73.3	201	239	27
28	95.8	76.6	163	338	67.2	128	25.0	73.4	96.8	70.1	199	255	28
29	90.9		159	339	90.5	122	27.0	62.6	98.2	68.5	208	283	29
30	87.9		155	297	102	104	25.2	62.1	98.8	69.9	222	298	30
31	87.9		154		121		24.7	61.5		71.8		267	31
TOTAL	2 957.3	2 408.7	3 287.0	8 735	2 841.0	3 424.3	1 078.0	1 111.7	1 564.2	2 314.1	5 095.0	8 326	TOTAL
MEAN	95.4	86.0	106	291	91.6	114	34.8	35.9	52.1	74.6	170	269	MEAN
MAX	108	108	166	344	290	163	94.1	85.5	98.8	100	222	298	MAX
MIN	65.2	73.8	75.2	185	41.1	55.1	19.9	20.2	24.8	53.7	71.3	215	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 118
MAXIMUM DAILY, 344 ON APR 25
MINIMUM DAILY, 19.9 ON JUL 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 22 14 N
LONG 77 46 42 W
DRAINAGE AREA, 9 090 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	256 000	JUL	93 100
FEB	208 000	AUG	96 100
MAR	284 000	SEP	135 000
APR	755 000	OCT	200 000
MAY	245 000	NOV	440 000
JUN	296 000	DEC	719 000

REGULATED

TOTAL DISCHARGE, 3 730 000 dam³

REMARKS - DAILY DISCHARGES ARE A TOTAL OF OMT. HYDRO RECORDS AT HEALEY FALLS PLUS RECORDED SPILLWAY RECORDS

TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.010	0.001	0.006	0.008	0.002	0.013	1
2	---	---	---	---	---	---	0.009	0.001	0.010	0.008	0.003	0.018	2
3	---	---	---	---	---	---	0.010	0	0.006	0.007	0.009	0.032	3
4	---	---	---	---	---	---	0.007	0.001	0.003	0.006	0.018	0.028	4
5	---	---	---	---	---	---	0.005	0.001	0.001	0.005	0.019	0.031	5
6	---	---	---	---	---	---	0.004	0.001	0.001	0.004	0.019	0.035	6
7	---	---	---	---	---	---	0.003	0.001	0.001	0.005	0.017	0.029	7
8	---	---	---	---	---	---	0.003	0.002	0.001	0.012	0.014	0.024	8
9	---	---	---	---	---	---	0.002	0.001	0.001	0.014	0.011	0.051	9
10	---	---	---	---	---	---	0.002	0.001	0.001	0.012	0.009	0.023	10
11	---	---	---	---	---	---	0.002	0.001	0.001	0.010	0.009	0.012B	11
12	---	---	---	---	---	---	0.002	0.001	0.001	0.010	0.012	0.011B	12
13	---	---	---	---	---	---	0.001	0.001	0.001	0.010	0.013	0.010B	13
14	---	---	---	---	---	---	0.002	0.001	0.001	0.010	0.011	0.009	14
15	---	---	---	---	---	---	0.002	0	0.020	0.011	0.011A	0.010	15
16	---	---	---	---	---	---	0.001	0	0.011	0.010	0.010E	0.012	16
17	---	---	---	---	---	---	0.001	0	0.005	0.008	0.009E	0.011	17
18	---	---	---	---	---	---	0.001	0	0.012	0.007	0.009	0.010	18
19	---	---	---	---	---	---	0.001	0.001	0.011	0.006	0.009	0.010	19
20	---	---	---	---	---	---	0.001	0.001	0.010	0.006	0.010	0.010	20
21	---	---	---	---	---	---	0.001	0.001	0.011	0.006	0.015	0.010	21
22	---	---	---	---	---	---	0.001	0.001	0.011	0.006	0.015	0.010	22
23	---	---	---	---	---	---	0	0.002	0.008	0.005	0.016	0.010	23
24	---	---	---	---	---	0.031	0	0.001	0.006	0.005	0.017	0.011	24
25	---	---	---	---	---	0.028	0	0	0.007	0.004	0.016	0.018	25
26	---	---	---	---	---	0.022	0	0.001E	0.007	0.004	0.014	0.021	26
27	---	---	---	---	---	0.017	0	0.002	0.007	0.004	0.018	0.020	27
28	---	---	---	---	---	0.013	0.001	0.001	0.008	0.004	0.011	0.025	28
29	---		---	---	---	0.013	0.001	0.001	0.007	0.003	0.010	0.027	29
30	---		---	---	---	0.012	0	0.001	0.006	0.002	0.011	0.024	30
31	---		---		---		0.001	0.001		0.002		0.021	31
TOTAL	---	---	---	---	---	---	0.074	0.028	0.182	0.214	0.367	0.586	TOTAL
MEAN	---	---	---	---	---	---	0.002	0.001	0.006	0.007	0.012	0.019	MEAN
MAX	---	---	---	---	---	---	0.010	0.002	0.020	0.014	0.019	0.051	MAX
MIN	---	---	---	---	---	---	0	0	0.001	0.002	0.002	0.009	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JUL 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 32 N
LONG 77 22 56 W
DRAINAGE AREA, 2.88 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	6.39
FEB	---	AUG	2.42
MAR	---	SEP	15.7
APR	---	OCT	18.5
MAY	---	NOV	31.7
JUN	---	DEC	50.6

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

TROUT CREEK NEAR FAIRVIEW - STATION NO. 02GD019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.065B	0.085B	0.052B	9.73	0.187	0.285	0.220	0.049	0.063	0.507	0.130	1.41	1
2	0.083B	0.080B	0.055B	4.69	0.184	0.351	0.147	0.069	0.446	0.369	1.18	0.966	2
3	0.098B	0.070B	0.062B	6.91	0.169	0.218	0.119	0.088	0.968	0.283	4.80	0.883	3
4	0.600B	0.065B	0.068B	2.65	0.155	0.164	0.098	0.098	0.460	0.240	2.05	3.36	4
5	1.00 B	0.065B	0.070B	2.27	0.149	0.184	0.093	0.085	0.252	0.192	1.41	2.55	5
6	0.680B	0.073B	0.070B	1.52	0.147	0.793	0.082	0.061	0.163	0.161	0.872	5.61	6
7	0.460B	0.075B	0.065B	1.33	0.145	0.525	0.078	0.052	0.122	0.191	0.616	1.82	7
8	0.327B	0.070B	0.060B	1.29	0.149	0.349	0.066	0.057	0.098	0.417	0.488	1.04	8
9	0.300B	0.060B	0.055B	1.93	0.135	0.246	0.063	0.061	0.082	0.310	0.387	0.746	9
10	0.280B	0.054B	0.051B	2.01	0.119	0.197	0.064	0.068	0.073	0.233	0.331	0.588	10
11	0.260B	0.053B	0.200B	1.44	0.115	0.160	0.063	0.057	0.064	0.646	0.901	0.474	11
12	0.245B	0.054B	0.505B	1.67	0.112	0.134	0.062	0.049	0.061	0.529	4.06	0.389	12
13	0.230B	0.054B	1.00 B	3.39	0.110	0.124	0.060	0.045	0.054	0.344	2.60	0.340	13
14	0.220B	0.054B	3.00 B	2.34	0.103	0.110	0.057	0.045	3.25	0.278	1.27	0.292	14
15	0.210B	0.055B	3.30 B	1.99	0.101	0.123	0.054	0.044	8.42	0.277	0.804	0.312	15
16	0.200B	0.057B	3.20 B	2.01	0.101	0.380	0.054	0.045	1.56	0.251	0.618	3.02	16
17	0.184B	0.060B	3.05 B	4.48	0.104	0.213	0.072	0.039	0.827	0.206	0.551	1.36	17
18	0.170B	0.062B	2.90 B	1.92	0.094	0.146	0.124	0.038	1.41	0.182	0.522	0.669	18
19	0.158B	0.063B	2.83 B	1.15	0.103	0.161	0.222	0.042	0.971	0.159	0.485	0.511	19
20	0.145B	0.062B	2.80 B	1.69	0.105	0.278	0.145	0.053	0.534	0.172	0.614	0.435	20
21	0.140B	0.060B	2.80 B	1.48	0.096	0.224	0.089	0.049	0.349	0.215	4.01	0.363	21
22	0.138B	0.055B	2.86 B	0.868	0.117	0.176	0.063	0.049	0.289	0.191	2.25	0.307	22
23	0.160B	0.052B	3.00 B	0.641	0.200	0.138	0.056	0.053	2.39	0.172	1.47	0.327	23
24	0.163B	0.050B	3.20 B	0.521	0.157	0.112	0.051	0.050	1.53	0.157	3.66	4.26	24
25	0.150B	0.050B	2.80 B	0.421	0.130	0.102	0.046	1.06	2.73	0.147	1.44	12.7	25
26	0.130B	0.050B	2.30 B	0.350	0.120	0.105	0.047	0.765	1.62	0.146	0.830	4.49	26
27	0.110B	0.050B	2.00 B	0.301	0.121	0.097	0.049	0.287	2.79	0.134	0.617	1.77	27
28	0.100B	0.050B	1.70 B	0.249	1.76	0.089	0.065	0.157	2.65	0.127	0.537	2.70	28
29	0.090B		1.45 B	0.217	0.878	0.624	0.090	0.107	1.18	0.124	2.38	1.57	29
30	0.085B		4.00 B	0.204	6.418	0.462	0.067	0.085	0.699	0.123	2.54	0.847	30
31	0.080B		29.8		0.262		0.055	0.075		0.125		0.600	31
TOTAL	7.261	1.688	79.303	61.662	6.866	7.230	2.621	3.880	36.125	7.608	44.423	56.729	TOTAL
MEAN	0.234	0.060	2.56	2.06	0.221	0.241	0.085	0.125	1.20	0.245	1.48	1.83	MEAN
MAX	1.00	0.085	29.8	9.73	1.76	0.793	0.222	1.06	8.42	0.646	4.80	12.7	MAX
MIN	0.065	0.050	0.051	0.204	0.094	0.089	0.046	0.038	0.054	0.123	0.130	0.292	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.864
MAXIMUM DAILY, 29.8 ON MAR 31
MINIMUM DAILY, 0.038 ON AUG 18
MAXIMUM INSTANTANEOUS,
44.3 AT 02:29 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 17 43 N
LONG 80 58 24 W
DRAINAGE AREA, 36.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	627	JUL	226
FEB	146	AUG	335
MAR	6 850	SEP	3 120
APR	5 330	OCT	657
MAY	593	NOV	3 840
JUN	625	DEC	4 900

TOTAL DISCHARGE, 27 200 dam³

TROUT CREEK NEAR ST. MARYS - STATION NO. 02GD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.307	0.931	0.578	1.39	2.20	1.97	2.89	1.22	3.20	8.30	1.26	1.64	1
2	0.311	0.896	0.592	5.76	2.17	1.66	2.05	1.32	3.82	8.29	1.30	1.64	2
3	0.308	0.857	0.587	10.4	1.88	0.991	0.937	1.34	4.68	8.09	1.49	1.67	3
4	0.356	0.847	0.595	13.7	1.63	1.01	0.944	1.35	4.65	7.99	1.51	1.74	4
5	0.359	0.854	0.582	10.5	1.19	1.01	0.962	1.33	4.64	8.73	1.50	1.78	5
6	0.361	0.841	0.565	8.45	0.843	1.00	0.941	1.32	4.65	5.41	1.50	6.34	6
7	0.610	0.842	0.569	7.66	0.835	0.919	0.967	1.32	4.65	7.69	1.47	10.6	7
8	0.934	0.851	0.499	6.64	0.852	0.912	0.950	1.32	4.63	7.58	1.45	10.4	8
9	0.922	0.853	0.401	5.88	0.848	0.946	0.935	1.29	4.61	7.53	1.44	9.97	9
10	0.940	0.856	0.392	5.96	0.839	0.948	0.936	1.26	4.62	7.44	1.43	9.63	10
11	0.943	0.856	0.403	5.68	0.832	0.930	0.943	1.24	4.60	7.27	1.44	9.26	11
12	0.940	0.850	0.557	5.29	0.585	0.932	1.32	1.22	4.47	7.25	4.95	8.90	12
13	0.946	0.846	0.942	14.2	0.234	0.924	1.82	1.20	4.42	7.12	7.82	8.35	13
14	0.939	0.845	0.979	23.2	0.232	0.923	1.80	1.19	4.31	4.56	7.71	7.86	14
15	0.942	0.854	1.31	22.5	0.230	0.937	1.49	1.17	4.23	1.59	7.60	3.81	15
16	0.930	0.850	2.02	16.2	0.233	0.943	1.02	1.16	4.21	1.56	7.43	1.56	16
17	0.941	0.861	2.05	2.91	0.231	0.943	1.02	1.17	4.16	1.55	7.29	1.57	17
18	0.932	0.850	2.12	2.87	0.225	0.930	1.09	1.21	4.12	1.53	7.13	1.56	18
19	0.930	0.840	2.18	2.85	0.223	0.923	1.12	1.25	4.06	1.52	6.94	1.50	19
20	0.906	0.824	2.26	2.83	0.227	0.930	1.10	1.30	4.06	1.54	6.80	1.51	20
21	0.893	0.843	2.32	2.84	0.221	1.30	1.11	1.34	4.03	1.48	6.81	1.50	21
22	0.899	0.861	2.33	2.80	0.226	1.58	1.14	1.37	4.07	1.49	6.91	1.47	22
23	0.918	0.854	2.39	2.79	0.219	1.61	1.20	1.41	7.52	1.50	9.44	1.50	23
24	0.906	0.759	2.47	2.81	0.213	1.64	1.22	1.43	7.30	1.47	11.5	1.63	24
25	0.894	0.602	2.51	2.81	0.207	1.66	1.24	1.67	4.07	1.48	11.3	1.83	25
26	0.892	0.584	2.49	4.69	0.210	1.66	1.27	1.58	4.02	1.44	10.8	1.79	26
27	0.895	0.578	2.49	4.94	0.219	1.64	1.26	2.46	9.00	1.40	10.3	1.82	27
28	0.897	0.580	2.49	2.63	0.845	1.63	1.24	3.09	11.7	1.39	9.65	1.85	28
29	0.888		1.78	2.60	1.95	2.29	1.23	3.10	9.78	1.37	4.95	1.87	29
30	0.894		0.935	2.37	1.95	2.91	1.22	3.14	8.48	1.34	1.64	5.65	30
31	0.936		1.20		1.95		1.22	3.19		1.29		9.98	31
TOTAL	24.669	22.765	43.586	206.11	24.749	38.601	38.535	48.96	156.76	124.19	162.76	132.18	TOTAL
MEAN	0.796	0.813	1.41	6.87	0.798	1.29	1.24	1.58	5.23	4.01	5.43	4.26	MEAN
MAX	0.946	0.931	2.51	23.2	2.20	2.91	2.89	3.19	11.7	8.30	11.5	10.6	MAX
MIN	0.307	0.578	0.392	1.39	0.207	0.912	0.935	1.16	3.20	1.29	1.26	1.47	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.81
MAXIMUM DAILY, 23.2 ON APR 14
MINIMUM DAILY, 0.207 ON MAY 25
MAXIMUM INSTANTANEOUS,
25.3 AT 15:09 EST ON APR 13

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 15 50 N
LONG 81 04 48 W
DRAINAGE AREA, 140 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 130	JUL	3 330
FEB	1 970	AUG	4 230
MAR	3 770	SEP	13 500
APR	17 800	OCT	10 700
MAY	2 140	NOV	14 100
JUN	3 340	DEC	11 400

TOTAL DISCHARGE, 88 400 dam³

TROUTLAKE RIVER BELOW BIG FALLS - STATION NO. 05QC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.98B	7.67B	7.18B	6.88B	28.6	49.0	29.4	16.8	13.3	12.1	14.8	13.4	1
2	7.98B	7.65B	7.15B	6.88B	28.7	51.5	28.7	16.4	13.3	12.4	14.6	13.4	2
3	7.98B	7.60B	7.13B	6.91B	27.8	49.7	27.6	16.4	12.9	13.1	14.4	13.5	3
4	7.96B	7.60B	7.11B	6.91B	26.8	46.5	27.1	16.8	12.9	13.4	14.3	13.5	4
5	7.96B	7.58B	7.11B	6.91B	27.0	42.8	26.2	17.9	12.9	14.5	14.0	13.5	5
6	7.94B	7.58B	7.09B	6.93B	27.9	39.3	25.2	17.5	12.7	14.7	13.9	13.3	6
7	7.94B	7.58B	7.09B	6.93B	27.7	38.3	24.2	17.2	12.4	14.9	13.8	13.2	7
8	7.94B	7.56B	7.06B	6.93B	27.3	37.7	23.3	17.7	12.5	15.3	13.7	13.0	8
9	7.92B	7.56B	7.04B	6.95B	26.5	38.1	22.3	17.6	12.5	15.1	13.7	12.7B	9
10	7.92B	7.53B	7.04B	6.97B	25.6	46.0	21.2	17.5	12.1	15.2	13.4	12.5B	10
11	7.89B	7.53B	7.04B	7.00B	25.8	52.6	21.0	17.3	11.9	16.3	13.3	12.3B	11
12	7.89B	7.51B	7.02B	7.04B	26.3	54.1	20.4	17.0	11.9	16.7	13.0	12.1B	12
13	7.89B	7.51B	7.02B	7.06B	27.1	52.7	20.2	16.4	11.7	17.0	13.0	11.9B	13
14	7.87B	7.49B	7.02B	7.11B	27.3	50.3	19.7	16.1	12.0	17.2	13.0	11.8B	14
15	7.87B	7.49B	7.02B	7.18B	27.4	47.5	19.0	15.9	11.6	16.9	12.7	11.6B	15
16	7.85B	7.47B	7.01B	7.33B	27.8	44.9	18.8	15.6	11.4	16.5	12.6	11.5B	16
17	7.85B	7.44B	7.00B	7.56B	28.4	42.2	18.8	15.4	11.3	16.5	12.4	11.4B	17
18	7.85B	7.42B	6.97B	7.80B	32.4	40.0	19.0	15.3	11.3	16.6	12.5	11.3B	18
19	7.83B	7.40B	6.95B	8.23B	44.1	38.7	18.8	15.2	11.3	16.4	12.1	11.2B	19
20	7.83B	7.38B	6.93B	9.02B	53.0	37.0	18.2	15.2	11.0	16.5	12.6	11.1B	20
21	7.80B	7.36B	6.91B	9.63B	54.7	35.5	17.9	15.1	10.9	16.3	13.0	11.0B	21
22	7.80B	7.33B	6.91B	10.3	52.6	34.2	17.4	14.9	10.5	16.1	13.2	11.0B	22
23	7.78B	7.33B	6.91B	11.6	49.0	33.2	17.0	14.7	10.5	15.9	13.4	11.0B	23
24	7.78B	7.31B	6.88B	14.8	44.9	33.0	17.4	14.5	10.8	15.6	13.3	10.9B	24
25	7.76B	7.29B	6.88B	19.3	42.1	33.2	17.5	14.4	10.7	15.4	13.4	10.9B	25
26	7.74B	7.27B	6.91B	21.6	39.1	33.4	17.3	13.8	10.7	15.3	13.4	10.8B	26
27	7.74B	7.24B	6.91B	20.8	37.3	33.1	17.4	14.0	10.8	15.0	13.5	10.8B	27
28	7.71B	7.22B	6.91B	21.2	36.2	32.2	17.3	13.4	10.6	15.0	13.5	10.7B	28
29	7.71B		6.88B	24.3	35.2	31.2	17.4	13.4	11.6	15.0	13.5	10.7B	29
30	7.71B		6.88B	27.9	36.5	30.1	17.4	13.4	11.8	14.9	13.5	10.7B	30
31	7.69B		6.88B		40.1		17.1	13.1		14.9		10.6B	31
TOTAL	243.36	208.90	216.84	325.96	1 061.2	1 228.0	640.2	485.9	351.8	476.7	401.5	367.3	TOTAL
MEAN	7.85	7.46	6.99	10.9	38.2	40.9	20.7	15.7	11.7	15.4	13.4	11.8	MEAN
MAX	7.98	7.67	7.18	27.9	54.7	54.1	29.4	17.9	13.3	17.2	14.8	13.5	MAX
MIN	7.69	7.22	6.88	6.88	25.6	30.1	17.0	13.1	10.5	12.1	12.1	10.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.5
MAXIMUM DAILY, 54.7 ON MAY 21
MINIMUM DAILY, 6.88B ON MAR 24
MAXIMUM INSTANTANEOUS,
55.3 AT 17:32 CST ON MAY 21

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 10 N
LONG 93 05 30 W
DRAINAGE AREA, 2 370 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 000	JUL	55 300
FEB	18 000	AUG	42 000
MAR	18 700	SEP	30 400
APR	28 200	OCT	41 200
MAY	91 700	NOV	34 700
JUN	106 000	DEC	31 700

TOTAL DISCHARGE, 519 000 dam³

TURKEY CREEK AT WINDSOR - STATION NO. 02GH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.771	0.256	0.435	0.343	0.139	0.257	0.169	1.42	0.408	1
2	---	---	---	0.560	0.159	0.228	0.243	0.290	0.517	0.107	3.96	0.365	2
3	---	---	---	1.29	0.294	0.191	0.890	0.344	0.215E	0.080	0.640	0.594	3
4	---	---	---	0.495	0.331	0.228	0.214	0.345	0.209E	0.160	0.309	1.34	4
5	---	---	---	0.423	0.356	0.305	0.260	0.329	0.200E	0.188	0.224	0.988	5
6	---	---	---	0.533	0.321	0.163	0.296	0.320	0.180E	0.168	0.160	0.699	6
7	---	---	---	0.469	0.516	0.222	0.331	0.186	0.165E	0.189	0.130	0.452	7
8	---	---	---	0.566	0.177	0.275	0.317	0.392	0.150E	0.167	0.130	0.400	8
9	---	---	---	0.738	0.129	0.263	0.294	0.230	0.159E	0.112	0.309	0.361	9
10	---	---	---	0.770	0.248	0.274	0.473	0.237	0.150E	0.149	0.242	0.319	10
11	---	---	---	0.772	0.268	0.260	0.245	0.255	0.140E	0.088	0.409	0.250	11
12	---	---	---	0.777	0.567	0.163	0.289	0.259	0.140E	0.149	0.803	0.189	12
13	---	---	---	0.782	0.325	0.103	0.312	0.268	0.138E	0.171	0.264	0.280	13
14	---	---	---	0.538	0.262	0.248	0.291	0.201	0.292E	0.161	0.147	0.293	14
15	---	---	---	0.427	0.139	0.862	0.271	0.157	0.203A	0.162	0.157	0.786	15
16	---	---	3.85 A	0.706	0.111	0.310	0.335	0.243	0.177	0.130	0.161	1.70	16
17	---	---	5.75 A	1.22	0.223	0.204	0.360	0.260	0.241	0.096	0.152	0.685	17
18	---	---	---	0.523	0.301A	0.204	0.604	0.254	0.755	0.126	0.116	0.499	18
19	---	---	---	0.466	0.315	0.803	2.10	0.246	0.110	0.164	0.132	0.872	19
20	---	---	---	0.460	0.323	0.918	0.381	0.303	0.145	0.307	1.78	0.760	20
21	---	---	---	0.339	0.245	0.872	0.204	0.143	0.170	0.147	1.02	0.576	21
22	---	---	---	0.298	0.341	0.245	0.147	0.081	0.233	0.134	0.363	0.423	22
23	---	---	---	0.280	0.212	0.217	0.209	0.174	0.186	0.102	0.985	0.630	23
24	---	---	---	0.185	0.119	0.223	0.129	0.262	0.594	0.060	0.877	0.639	24
25	---	---	---	0.152	0.216	0.236	0.109	0.219	0.338	0.106	0.409	2.18	25
26	---	---	0.686	0.251	0.284	0.404	0.576	0.255	0.125	0.151	0.483	0.937	26
27	---	---	0.354	0.250	1.72	0.145	0.256	0.250	1.70	0.142	0.261	0.833	27
28	---	---	0.302	0.263	1.15	1.04	0.991	0.128	0.270	0.132	1.06	1.04	28
29	---		0.395	0.271	0.539	0.541	0.190	0.089	0.186	0.159	0.978	0.640	29
30	---		0.996	0.278	0.190	0.328	0.446	0.252	0.179	0.132	0.575	0.510	30
31	---		1.71		0.338		0.282	0.246		0.712		0.320	31
TOTAL	---	---	---	15.853	10.975	10.910	12.388	7.357	8.524	5.020	18.656	20.968	TOTAL
MEAN	---	---	---	0.528	0.354	0.364	0.400	0.237	0.284	0.162	0.622	0.676	MEAN
MAX	---	---	---	1.29	1.72	1.04	2.10	0.392	1.70	0.712	3.96	2.18	MAX
MIN	---	---	---	0.152	0.111	0.103	0.109	0.081	0.110	0.060	0.116	0.189	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.060 ON OCT 24

REMARKS - GAUGE OPERATIONAL FROM MAR 26 1982

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 15 38 N
LONG 83 02 24 W
DRAINAGE AREA, 29.6 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1 070
FEB	---	AUG	636
MAR	---	SEP	736
APR	1 370	OCT	334
MAY	948	NOV	1 610
JUN	943	DEC	1 810

TURTLE RIVER NEAR MINE CENTRE - STATION NO. 05PB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.5	11.8	12.0	12.7	103	88.6	54.2	81.4	44.6	---	---	---	1
2	11.6	11.8	12.0	12.8	105	89.8	51.9	79.3	44.2	---	---	---	2
3	11.7	11.8	11.9	13.2	107	93.8	51.7	77.1	43.9	---	---	---	3
4	11.6	11.8	11.9	13.3	108	97.5	51.9	75.6	43.8	---	---	---	4
5	11.6	11.7	11.9	13.4	111	101	55.0	73.4	43.2	---	---	---	5
6	11.6	11.7	11.9	13.3	114	106	62.4	71.6	42.8	---	---	---	6
7	11.6	11.8	11.8	13.4	114	111	73.0	70.3	42.6	---	---	---	7
8	11.5	11.8	11.8	13.4	113	113	83.4	68.7	41.9	---	---	---	8
9	11.5	11.7	11.8	13.4	109	114	90.7	67.2	41.6	---	---	---	9
10	11.5	11.7	11.9	13.5	104	110	95.1	65.8	41.2	---	---	---	10
11	11.6	11.7	11.9	13.6	104	99.3	97.7	64.3	40.9	---	---	---	11
12	11.6	11.7	12.1	13.6	106	93.9	98.9	62.8	41.4	---	---	---	12
13	11.6	11.7A	12.3	13.6	107	90.7	98.7	60.6	42.4	---	---	---	13
14	11.6	11.7	12.2	13.8	106	88.2	97.7	58.8	42.7	---	---	---	14
15	11.6	11.8	12.2	14.3A	108	87.5	96.5	57.5	42.9	---	---	---	15
16	11.5	11.8	12.3	15.7E	111	88.1	95.8	55.8	43.0	---	---	---	16
17	11.5	11.9	12.3	17.4E	113	87.5	95.2	54.4	43.4	---	---	---	17
18	11.5	12.0	12.3	19.5E	115	86.3	94.7	53.5	43.6	---	---	---	18
19	11.6	12.0	12.3	21.9E	120	83.9	95.9	52.6	43.6A	---	---	---	19
20	11.5	12.0	12.3	24.2E	124	81.2	96.8	51.3	43.6E	---	---	---	20
21	11.5	12.0	12.3	26.9A	125	79.6	97.7	50.5	43.6E	---	---	---	21
22	11.6	12.0	12.4	30.3	126	77.7	98.3	50.1	43.6E	---	---	---	22
23	11.9	12.0	12.3	36.9	125	75.1	98.6	49.4	43.6E	---	---	---	23
24	11.9	12.0	12.3	48.9	122	71.7	97.7	48.5	43.6E	---	---	---	24
25	11.9	11.9	12.3	66.1	119	69.6	96.4	47.8	43.3E	85.0A	---	---	25
26	11.9	11.9	12.3	82.7	115	67.1	95.1	47.3	42.5E	---	---	---	26
27	11.9	11.9	12.3	94.7	111	64.1	92.9	46.4	41.9E	---	---	---	27
28	11.9	12.0	12.4	98.2	107	61.7	91.1	46.3	44.5E	---	---	---	28
29	11.8		12.4	99.9	102	58.6	88.1	45.9	45.3E	---	---	---	29
30	11.8		12.5	101	97.3	56.1	86.7	45.2	46.2E	---	---	---	30
31	11.8		12.7		92.5		84.1	44.9		---	---	---	31
TOTAL	361.2	331.6	377.3	985.6	3 443.8	2 592.6	2 663.9	1 824.3	1 295.4	---	---	---	TOTAL
MEAN	11.7	11.8	12.2	32.9	111	86.4	85.9	58.8	43.2	---	---	---	MEAN
MAX	11.9	12.0	12.7	101	126	114	98.9	81.4	46.2	---	---	---	MAX
MIN	11.5	11.7	11.8	12.7	92.5	56.1	51.7	44.9	40.9	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 126 ON MAY 22

MAXIMUM INSTANTANEOUS,
126 AT 06:32 CST ON MAY 23

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 51 00 N
LONG 92 43 30 W
DRAINAGE AREA, 4 870 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	31 200	JUL	230 000
FEB	28 700	AUG	158 000
MAR	32 600	SEP	112 000
APR	85 200	OCT	---
MAY	298 000	NOV	---
JUN	224 000	DEC	---

TWENTY MILE CREEK AT BALLS FALLS - STATION NO. 02HA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.800B	0.096B	0.410B	43.7	0.590	1.11	1.15	0.016	0.028	2.64	0.128	7.79	1
2	0.800B	0.092B	0.400B	32.4	0.454	0.813	0.769	0.023	0.025	1.98	0.877	5.64	2
3	2.50 B	0.088B	0.392B	20.0	0.403	0.614	0.638	0.045	0.024	1.48	3.12	4.26	3
4	5.00 B	0.084B	0.385B	19.2	0.351	0.480	0.531	0.072	0.021	1.05	16.5	4.37	4
5	7.80 B	0.080B	0.378B	11.9	0.324	0.894	0.412	0.088	0.017	0.735	24.2	4.92	5
6	4.00 B	0.075B	0.369B	5.77	0.289	14.1	0.324	0.105	0.015	0.536	16.9	9.85	6
7	2.10 B	0.070B	0.360B	2.73	0.252	23.0	0.248	0.124	0.016	0.423	10.5	10.6	7
8	1.18 B	0.068B	0.352B	2.41	0.384	15.3	0.180	0.145	0.015	0.354	5.52	7.77	8
9	0.860B	0.065B	0.348B	3.29	0.425	8.87	0.144	0.138	0.015	0.304	3.15	4.69	9
10	0.680B	0.062B	0.340B	6.79	0.369	4.44	0.124	0.133	0.016	0.298	1.99	2.82	10
11	0.560B	0.060B	0.709B	9.53	0.310	2.53	0.102	0.121	0.016	0.429	1.57	2.00B	11
12	0.430B	0.059B	8.00 B	8.65	0.268	1.63	0.086	0.103	0.014	0.600	1.93	1.50B	12
13	0.365B	0.058B	25.0 B	6.44	0.202	1.16	0.069	0.091	0.013	0.782	2.37	1.20B	13
14	0.325B	0.052B	68.4	7.12	0.196	0.846	0.050	0.066	0.013	0.808	2.26	1.05B	14
15	0.285B	0.050B	66.5	5.09	0.178	0.630	0.046	0.051	0.013	0.983	2.05	1.20B	15
16	0.250B	0.130B	52.3	3.59	0.171	0.538	0.032	0.044	0.013	0.815	1.75	20.4	16
17	0.225B	0.210B	47.4	2.65	0.154	0.493	0.038	0.027	0.013	0.628	1.41	21.1	17
18	0.206B	0.270B	32.9	3.14	0.136	0.432	0.040	0.021	0.014	0.535	1.12	9.73	18
19	0.190B	0.326B	26.0	3.49	0.138	0.525	0.033	0.018	0.013	0.421	0.923	7.49	19
20	0.175B	0.390B	20.7	3.22	0.213	1.13	0.024	0.035	0.012	0.326	0.758	4.11	20
21	0.160B	0.430B	20.8	7.64	0.266	1.27	0.019	0.020	0.014	0.268	1.31	2.82	21
22	0.150B	0.500B	18.6	5.76	0.298	3.28	0.016	0.019	0.015	0.225	5.34	1.99	22
23	0.145B	0.492B	18.9	4.31	0.271	9.92	0.015	0.020	0.031	0.202	5.82	1.74	23
24	0.135B	0.480B	20.0	2.48	0.233	9.74	0.013	0.018	0.049	0.176	13.2	15.2	24
25	0.130B	0.468B	19.4	1.61	0.180	5.33	0.013	0.127	0.138	0.163	12.9	38.0	25
26	0.126B	0.460B	15.8	1.20	0.156	2.88	0.013	0.077	0.282	0.153	8.15	41.2	26
27	0.121B	0.440B	10.2	0.943	0.262	1.92	0.013	0.061	1.20	0.144	5.12	30.8	27
28	0.114B	0.435B	5.83	0.732	0.324	1.47	0.029	0.068	2.77	0.128	3.37	21.0	28
29	0.110B		4.73	0.681	0.713	1.18	0.022	0.060	3.63	0.129	7.33	14.2	29
30	0.105B		8.86	0.663	1.25	1.11	0.016	0.050	3.50	0.117	9.84	9.27	30
31	0.100B		31.9		1.61		0.014	0.038		0.110		4.96	31
TOTAL	30.127	6.090	526.663	227.129	11.370	117.635	5.223	2.024	11.955	17.942	171.406	313.67	TOTAL
MEAN	0.972	0.218	17.0	7.57	0.367	3.92	0.168	0.065	0.399	0.579	5.71	10.1	MEAN
MAX	7.80	0.500	68.4	43.7	1.61	23.0	1.15	0.145	3.63	2.64	24.2	41.2	MAX
MIN	0.100	0.050	0.340	0.663	0.136	0.432	0.013	0.016	0.012	0.110	0.128	1.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.95
MAXIMUM DAILY, 68.4 ON MAR 14
MINIMUM DAILY, 0.012 ON SEP 20
MAXIMUM INSTANTANEOUS,
80.5 AT 14:10 EST ON MAR 15

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 02 N
LONG 79 23 00 W
DRAINAGE AREA, 293 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 600	JUL	451
FEB	526	AUG	175
MAR	45 500	SEP	1 030
APR	19 600	OCT	1 550
MAY	982	NOV	14 800
JUN	10 200	DEC	27 100

TOTAL DISCHARGE, 125 000 dam³

UXBRIDGE BROOK AT UXBRIDGE - STATION NO. 02EC101

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.444	0.334	0.323	1.44	0.378	0.353	0.335	0.328	0.312	0.316	0.614	0.376	1
2	0.382	0.320	0.323	0.694	0.377	0.344	0.281	0.394	0.320	0.306	0.806	0.304	2
3	0.374	0.325	0.319	1.18	0.374	0.328	0.283	0.378	0.314	0.329	0.893	0.202	3
4	0.472	0.337	0.322	1.01	0.370	0.329	0.302	0.403	0.301	0.332	1.09	0.390	4
5	0.438	0.322	0.328	0.598	0.372	0.374	0.302	0.321	0.291	0.333	0.560	0.352	5
6	0.402	0.330	0.322	0.528	0.383	0.556	0.294	0.308	0.291	0.348	0.377	0.365	6
7	0.395	0.327	0.325	0.486	0.382	0.394	0.295	0.318	0.294	0.602	0.352	0.551	7
8	0.390	0.327	0.323	0.474	0.503	0.352	0.293	0.365	0.288	0.699	0.344	0.305	8
9	0.386	0.323	0.328	0.480	0.424	0.388	0.337	0.373	0.283	0.372	0.336	0.292	9
10	0.386	0.319	0.326	0.502	0.378	0.306	0.285	0.325	0.279	0.348	0.331	0.282	10
11	0.386	0.315	0.363	0.528	0.365	0.377	0.291	0.316	0.279	0.359	0.349	0.290	11
12	0.383	0.316	0.384	0.506	0.362	0.333	0.280	0.309	0.279	0.358	0.395	0.279	12
13	0.382	0.316	0.616	0.646	0.365	0.327	0.288	0.316	0.273	0.339	0.364	0.202	13
14	0.369	0.318	0.506	0.604	0.354	0.323	0.292	0.311	0.482	0.339	0.338	0.230	14
15	0.356	0.324	0.405	0.577	0.351	0.375	0.362	0.306	0.469	0.405	0.338	0.288	15
16	0.361	0.329	0.402	0.684	0.347	0.480	0.382	0.305	0.527	0.364	0.333	0.475	16
17	0.350	0.320	0.506	1.01	0.354	0.355	0.375	0.294	0.324	0.369E	0.338	0.323	17
18	0.340	0.318	0.421	0.713	0.342	0.339	0.566	0.293	0.515	0.355E	0.331	0.287	18
19	0.329	0.325	0.404	0.559	0.336	0.501	1.35	0.311	0.326	0.340E	0.312	0.300	19
20	0.323	0.324	0.430	0.716	0.354	0.429	0.378	0.355	0.310	0.338A	0.310	0.310	20
21	0.314	0.330	0.425	0.615	0.340	0.363	0.301	0.312	0.308	0.386	0.528	0.305	21
22	0.309	0.324	0.422	0.496	0.337	0.514	0.312	0.326	0.240	0.334	0.392	0.298	22
23	0.318	0.323	0.414	0.488	0.449	0.441	0.299	0.366	0.200	0.324	0.393	0.302	23
24	0.323	0.323	0.425	0.553	0.398	0.348	0.346	0.322	0.300	0.323	0.649	0.420	24
25	0.314	0.320	0.441	0.524	0.374	0.351	0.316	0.780	0.400	0.325	0.352	0.545	25
26	0.309	0.324	0.442	0.470	0.360	0.436	0.266	0.390	0.333	0.327	0.339	0.437	26
27	0.307	0.324	0.399	0.376	0.343	0.346	0.349	0.325	0.708	0.329	0.320	0.327	27
28	0.312	0.321	0.397	0.380	0.383	0.336	0.535	0.320	0.402	0.334	0.325	0.358	28
29	0.313		0.421	0.352	0.376	0.305	0.378	0.316	0.338	0.333	0.485	0.331	29
30	0.320		0.463	0.369	0.359	0.418	0.337	0.318	0.325	0.339	0.383	0.298	30
31	0.325		1.45		0.359		0.330	0.316		0.340		0.291	31
TOTAL	11.112	9.058	13.375	18.558	11.549	11.421	11.260	10.720	10.311	11.245	13.277	10.315	TOTAL
MEAN	0.358	0.324	0.431	0.619	0.373	0.381	0.363	0.346	0.344	0.363	0.443	0.333	MEAN
MAX	0.472	0.337	1.45	1.44	0.503	0.556	1.35	0.780	0.708	0.699	1.09	0.551	MAX
MIN	0.307	0.315	0.319	0.352	0.336	0.305	0.241	0.293	0.200	0.306	0.310	0.202	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.390
MAXIMUM DAILY, 1.45 ON MAR 31
MINIMUM DAILY, 0.200 ON SEP 23
MAXIMUM INSTANTANEOUS,
3.20 AT 23:20 EST ON MAR 31

DATA CONTRIBUTED BY -
ONTARIO MINISTRY OF THE ENVIRONMENT

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 06 45 N
LONG 79 07 20 W
DRAINAGE AREA, 24.3 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	960	JUL	973
FEB	783	AUG	926
MAR	1 160	SEP	891
APR	1 600	OCT	972
MAY	998	NOV	1 150
JUN	987	DEC	891

TOTAL DISCHARGE, 12 300 dam³

VENISON CREEK NEAR WALSINGHAM - STATION NO. 02GC021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.978	0.790B	0.767	4.51	1.12	1.03 E	1.02	0.675E	0.651	0.780	0.917	1.57	1
2	0.957	0.790B	0.760	3.02	1.10	1.05 E	0.944	0.673E	0.662	0.767	1.58	1.45	2
3	0.935	0.790B	0.761	2.95	1.07	1.07 E	0.923	0.669E	0.660	0.771	2.04	1.46	3
4	1.97	0.793	1.15	2.98	0.999	1.03 E	0.925	0.677E	0.646	0.758	2.09	1.68	4
5	2.39	0.780B	0.938	2.27	0.911	0.993E	0.908	0.660	0.645	0.745	1.75	1.83	5
6	1.52	0.782	0.836	2.05	0.946	1.01 E	0.872	0.658	0.642	0.742	1.37	2.51	6
7	1.27	0.780B	0.811	1.90	0.956	1.03 E	0.848E	0.650	0.639	0.779	1.16	2.08	7
8	1.14 B	0.780B	0.790	1.87	1.15	1.06 E	0.844E	0.813	0.642	0.810	1.07	1.63	8
9	1.08 B	0.779	0.784	2.08	1.06	1.07 E	0.843E	0.722	0.634	0.785	1.02	1.48	9
10	1.03 B	0.780B	0.779	2.27	0.993	1.09 E	0.844E	0.679	0.687	0.782	1.00	1.38	10
11	0.970B	0.777B	1.54	2.37	0.955	1.06 E	0.844E	0.670	0.652	0.776	1.26	1.32	11
12	0.930B	0.775B	2.69	2.42	0.929	1.01 E	0.842E	0.666	0.635	0.771	1.62	1.24	12
13	0.900B	0.770B	7.74	2.44	0.923	1.00 E	0.803E	0.666	0.626	0.763	1.56	1.17	13
14	0.880B	0.765	10.9	2.21	0.901	0.988E	0.745E	0.660	0.675	0.759	1.28	1.18	14
15	0.863	0.792	7.03	1.86	0.882	1.02 E	0.724E	0.659	0.707	0.759	1.14	1.34	15
16	0.849	0.815	6.07	1.72	0.873	1.15 E	0.725E	0.648	0.664	0.761	1.07	2.68	16
17	0.835B	0.795	7.64	1.92	0.860	1.12 E	0.628E	0.634	0.654	0.766	1.03	2.31	17
18	0.830B	0.784	4.99	1.90	0.835	1.10 E	0.633E	0.621	0.718	0.769	1.00	1.60	18
19	0.825B	0.811	4.02	1.62	0.832	1.17 E	0.641E	0.635	0.672	0.768	0.979	1.61	19
20	0.820B	0.805	3.66	1.96	0.851	1.23 E	0.633E	0.652	0.666	0.768	1.07	1.73	20
21	0.819	0.813	4.06	2.43	0.837	1.87 E	0.625E	0.612	0.665	0.768	2.05	1.62	21
22	0.900B	0.807	3.66	1.87	0.967	1.64 E	0.628E	0.633	0.796	0.767	2.52	1.49	22
23	1.15 B	0.805	3.66	1.59	0.914	1.53 E	0.633E	0.651	1.08	0.782	1.91	1.58	23
24	0.960B	0.799	3.48	1.44	0.878	1.29	0.629E	0.646	0.828	0.825	2.10	2.87	24
25	0.910B	0.800B	3.20	1.36	0.846	1.10	0.612E	0.720	0.898	0.812	1.73	4.36	25
26	0.870B	0.790B	2.85	1.32	0.839	1.11	0.601E	0.655	0.824	0.801	1.49	4.64	26
27	0.840B	0.780B	2.42	1.27	1.06	1.06	0.593E	0.647	0.966	0.793	1.38	3.13	27
28	0.815B	0.769	2.01	1.21	1.35 E	1.01	0.609E	0.642	0.918	0.788	1.44	3.31	28
29	0.792		1.96	1.17	1.80 E	1.32	0.637E	0.640	0.841	0.782	1.99	2.88	29
30	0.810		2.22	1.14	1.44 E	1.19	0.656E	0.651	0.799	0.814	1.89	2.17	30
31	0.790B		4.35		1.13 E		0.667E	0.647		0.828		1.85	31
TOTAL	31.628	22.096	98.526	61.12	31.207	34.401	23.079	20.531	21.792	24.139	44.506	63.15	TOTAL
MEAN	1.02	0.789	3.18	2.04	1.01	1.15	0.744	0.662	0.726	0.779	1.48	2.04	MEAN
MAX	2.39	0.815	10.9	4.51	1.80	1.87	1.02	0.813	1.08	0.828	2.52	4.64	MAX
MIN	0.790	0.765	0.760	1.14	0.832	0.988	0.593	0.612	0.626	0.742	0.917	1.17	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.30
MAXIMUM DAILY, 10.9 ON MAR 14
MINIMUM DAILY, 0.593E ON JUL 27
MAXIMUM INSTANTANEOUS,
13.7 AT 05:00 EST ON MAR 14

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 40 27 N
LONG 80 36 00 W
DRAINAGE AREA, 68.6 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 730	JUL	1 990
FEB	1 910	AUG	1 770
MAR	8 510	SEP	1 880
APR	5 280	OCT	2 090
MAY	2 700	NOV	3 850
JUN	2 970	DEC	5 460

TOTAL DISCHARGE, 41 100 dam³

VERMILION RIVER AT LORNE FALLS - STATION NO. 02CF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.4	15.3	14.0	44.2	272	38.6	14.4	5.47	9.63	40.9	61.1	66.9	1
2	21.0	15.5	12.7	52.2	255	35.8	13.4	6.43	9.63	39.4	58.2	72.6	2
3	18.5	15.3	11.0	65.3	248	34.2	14.0	5.47	6.60	36.0	55.1	80.6	3
4	20.6	14.4	10.8	74.2	237	34.8	13.6	5.30	8.30	34.2	51.9	88.2	4
5	21.7	14.5	10.0	72.7	227	36.0	12.8	6.60	8.13	31.4	50.8	97.6	5
6	20.4	14.9	9.46	79.1	217	34.8	12.8	6.60	8.50	31.7	50.8	95.9	6
7	19.8	14.5	11.1	72.8	202	34.6	11.3	6.80	8.50	40.5	48.6	105	7
8	20.4	14.2	12.3	70.5	191	31.1	8.50	7.36	8.50	43.9	45.4	115	8
9	20.8	14.7	10.8	67.1	172	31.3	8.69	5.47	8.69	53.9	46.7	117	9
10	19.1	14.9	10.8	69.0	159	29.0	7.16	5.80	9.83	69.7	44.5	111	10
11	19.6	13.0	8.30	69.0	155	26.6	6.43	6.94	1.0	78.3	43.0	98.0	11
12	20.2	14.0	9.83	73.7	141	26.4	7.93	5.24	10.2	84.6	45.8	88.9	12
13	18.5	11.7	13.6	82.7	118	25.3	7.36	6.14	9.63	90.8	49.9	78.9	13
14	17.9	13.2	12.8	98.8	83.3	25.3	6.43	5.47	8.86	85.2	58.7	72.0	14
15	19.5	14.0	12.5	117	64.1	24.2	7.56	5.27	9.43	82.5	68.9	64.6	15
16	15.7	12.1	13.2	145	60.8	24.1	7.73	5.66	9.26	80.7	75.7	62.4	16
17	16.8	13.6	13.0	184	67.8	20.8	7.56	6.06	11.3	75.1	78.4	59.5	17
18	17.9	12.7	18.7	195	77.2	18.4	7.73	5.10	11.0	71.7	79.8	59.0	18
19	17.9	12.1	21.3	233	78.2	21.0	5.86	5.30	12.7	65.2	81.3	57.9	19
20	16.4	12.1	22.7	237	71.8	17.6	6.43	6.03	13.8	65.9	78.7	55.1	20
21	16.1	12.1	22.7	241	68.2	19.1	7.73	3.96	16.6	70.4	77.8	53.0	21
22	15.7	11.7	22.9	235	65.9	18.7	8.50	8.86	18.9	68.7	83.1	50.8	22
23	15.5	12.7	20.2	218	56.4	20.0	8.30	7.16	20.6	73.8	91.3	51.1	23
24	19.1	13.4	26.2	210	54.5	19.1	8.13	7.36	26.6	77.5	98.4	49.0	24
25	16.2	10.6	34.3	210	50.2	18.1	8.13	5.30	29.7	80.2	98.9	53.0	25
26	15.3	12.5	38.2	213	48.4	18.3	7.36	6.03	31.2	79.5	99.3	58.7	26
27	16.8	9.83	41.7	228	42.8	15.9	6.03	6.80	35.9	73.4	89.3	64.8	27
28	18.4	10.6	35.1	255	42.1	15.7	6.23	5.66	42.3	74.0	84.5	77.2	28
29	16.1		36.7	261	46.2	14.5	6.03	7.16	44.5	70.2	75.0	87.5	29
30	11.7		34.5	270	37.4	14.9	7.36	6.03	42.8	66.5	70.7	93.7	30
31	15.1		38.7		37.4		8.50	5.66		65.8		94.5	31
TOTAL	559.1	370.13	610.09	4 443.3	3 646.7	748.2	269.97	188.49	502.59	2 001.6	2 041.6	2 379.4	TOTAL
MEAN	18.0	13.2	19.7	148	118	24.8	8.71	6.08	16.8	64.6	68.1	76.8	MEAN
MAX	21.7	15.5	41.7	270	272	38.6	14.4	8.86	44.5	90.8	99.3	117	MAX
MIN	11.7	9.83	8.30	44.2	37.4	14.5	5.86	3.96	6.60	31.4	43.0	49.0	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.6
MAXIMUM DAILY, 272 ON MAY 1
MINIMUM DAILY, 3.96 ON AUG 21

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 18 55 N
LONG 81 31 18 W
DRAINAGE AREA, 4 190 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	48 300	JUL	23 300
FEB	32 000	AUG	16 300
MAR	52 700	SEP	43 400
APR	384 000	OCT	173 000
MAY	315 000	NOV	176 000
JUN	64 300	DEC	206 000

DATA CONTRIBUTED BY -
INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED

REGULATED

TOTAL DISCHARGE, 1 530 000 dam³

REMARKS - DRAINAGE AREA REVISED DEC 1981 TO INCLUDE ONAPING LAKE BASIN. EXTREME HIGH WATER SPILLED INTO SPANISH RIVER SYSTEM

VERMILION RIVER NEAR VAL CARON - STATION NO. 02CF011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.30B	3.05B	2.90B	4.00B	51.7	10.4	3.79	2.28	2.24	9.69	13.5	14.2	1
2	4.20B	3.00B	2.90B	5.00B	51.8	10.6	3.90	2.14	2.76	9.21	13.2	14.2	2
3	4.20B	3.00B	2.90B	5.20B	50.9	9.91	3.82	2.06	3.05	8.96	13.2	15.6	3
4	4.30B	3.00B	2.90B	5.80B	48.5	9.09	3.58	2.02	3.22	8.50	13.0	16.6	4
5	4.40B	3.00B	2.90B	7.90B	45.0	8.35	3.39	1.93	3.38	8.05	12.6	16.8	5
6	4.70B	3.00B	2.90B	7.60B	41.6	7.81	3.23	1.83	3.82	8.09	12.1	18.1	6
7	4.50B	3.00B	2.90B	7.40B	38.8	7.29	3.07	1.82	3.84	10.4	11.8	19.6	7
8	4.30B	3.00B	2.90B	6.60B	36.4	6.74	2.94	1.81	3.83	16.1	11.4	19.4	8
9	4.10B	3.00B	2.90B	6.20B	33.9	6.41	2.74	1.81	3.80	19.4	11.1	17.2B	9
10	3.95B	3.00B	2.90B	6.00B	31.3	6.22	2.63	1.78	3.79	19.2	10.6	16.5B	10
11	3.83B	2.95B	2.95B	6.20B	29.0	5.96	2.78	1.77E	3.70	18.4	10.3	16.3B	11
12	3.75B	2.95B	3.50B	7.00B	27.2	5.54	2.92	1.80E	3.60	17.5	11.6	15.4B	12
13	3.70B	2.95B	4.80B	8.02	25.5	5.25	3.04	2.29	3.49	17.1	14.7	14.7B	13
14	3.65B	2.95B	4.20B	9.24	23.8	5.09	3.01	2.19	3.55	16.7	16.6	14.0B	14
15	3.60B	2.95B	3.90B	10.2	22.2	4.98	2.98	1.85E	3.89	16.5	16.8	14.7B	15
16	3.55B	2.93B	3.69B	12.5	20.9	4.87	3.00	1.70E	5.02	16.3	16.2	14.6B	16
17	3.50B	2.90B	3.55B	15.6	19.5	4.59	2.99	1.69E	5.21	15.8	15.8	13.5B	17
18	3.45B	2.90B	3.45B	21.9	18.5	4.40	2.94	1.68E	6.10	15.2	15.3	12.5B	18
19	3.45B	2.90B	3.40B	24.8	17.7	4.42	2.81	1.67E	6.66	14.9	14.9	13.0B	19
20	3.40B	2.90B	3.30B	23.8	16.9	4.47	2.83	1.66E	7.69	15.5	15.0	13.2B	20
21	3.35B	2.90B	3.30B	22.5	15.8	4.38	2.74	1.65E	9.47	17.3	17.2	12.6B	21
22	3.30B	2.90B	3.25B	21.7	14.8	4.38	2.68	1.82E	11.0	18.3	20.2	11.2B	22
23	3.30B	2.90B	3.25B	21.4	13.9	4.19	2.63	2.23	11.3	18.3	20.2	10.6B	23
24	3.25B	2.90B	3.30B	25.9	13.2	4.07	2.57	1.98	11.0	17.7	19.3	11.2B	24
25	3.20B	2.90B	3.40B	30.6	12.6	4.10	2.50	1.96	11.1	17.0	18.1	11.7B	25
26	3.15B	2.90B	3.50B	47.9	11.9	3.97	2.45	1.94	11.0	16.4	17.2	12.2B	26
27	3.15B	2.90B	3.40B	54.5	11.3	3.86	2.43	2.55	10.9	15.8	16.3B	12.5B	27
28	3.10B	2.90B	3.30B	53.0	10.7	3.71	2.43	2.30	10.6	15.2	15.5	12.7B	28
29	3.10B		3.20B	52.2	10.5	3.59	2.47	2.04	10.2	14.8	15.1	13.5B	29
30	3.10B		3.25B	51.6	10.4	3.48	2.50	1.95	9.96	14.5	14.6	13.3B	30
31	3.05B		3.50B		9.79		2.40	1.90		14.1		13.0B	31
TOTAL	113.88	82.53	102.39	586.26	785.99	173.12	90.29	60.10	189.20	460.90	483.4	444.6	TOTAL
MEAN	3.67	2.95	3.30	19.5	25.4	5.74	2.91	1.94	6.31	14.9	16.8	14.3	MEAN
MAX	4.70	3.05	4.80	54.5	51.8	10.6	3.90	2.55	11.3	19.4	20.2	19.6	MAX
MIN	3.05	2.90	2.90	4.00	9.79	3.48	2.40	1.65	2.24	8.05	10.3	10.6	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.68
MAXIMUM DAILY, 54.5 ON APR 27
MINIMUM DAILY, 1.65E ON AUG 21
MAXIMUM INSTANTANEOUS,
55.1 AT 08:50 EST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 41 07 N
LONG 81 00 32 W
DRAINAGE AREA, 784 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 840	JUL	7 800
FEB	7 130	AUG	5 190
MAR	8 850	SEP	16 300
APR	50 700	OCT	39 800
MAY	67 900	NOV	38 300
JUN	14 900	DEC	38 400

TOTAL DISCHARGE, 305 000 dam³

REMARKS - DATA PRIOR TO 1980 CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT AND FORMERLY PUBLISHED UNDER STA. NO. 02CF101

VEUVE RIVER NEAR VERNER - STATION NO. 02DD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.60B	2.25B	2.00B	59.1B	27.7	3.22	0.961	0.469	0.586	4.69	8.53	18.7	1
2	3.60B	2.25B	2.00B	59.4B	24.1	4.85	0.912	0.431	0.802	3.97	9.05	22.9	2
3	3.60B	2.20B	2.00B	61.9B	21.6	5.24	0.943	0.417	1.09	3.58	10.7	40.2	3
4	3.60B	2.15B	2.00B	63.4B	17.8	4.34	1.12	0.415	1.38	3.18	11.4	42.1	4
5	3.65B	2.15B	2.00B	57.5B	14.2	3.35	1.30	0.413	1.48	3.00	11.3	36.5	5
6	3.68B	2.15B	2.00B	52.0B	11.9	2.85	1.30	0.411	2.11	2.86	11.9	50.9	6
7	3.68B	2.10B	2.00B	44.9B	11.9	2.17	1.14	0.412	2.55	5.66	10.6	46.5	7
8	3.65B	2.10B	2.00B	38.5B	14.3	2.11	1.01	0.421	2.27	17.2	9.40	33.0 B	8
9	3.60B	2.05B	2.00B	32.7B	14.4	2.08	0.876	0.425	1.76	18.9	8.42	21.0 B	9
10	3.55B	2.05B	2.00B	30.4B	12.4	1.71	0.816	0.420	1.41	17.2	7.82	19.0 B	10
11	3.45B	2.05B	2.10B	34.4B	11.4	1.53	0.783	0.423	1.20	15.3	7.54	16.5 B	11
12	3.40B	2.05B	2.25B	38.6B	10.1	1.94	0.726	0.424	1.05	14.4	16.9	14.8 B	12
13	3.30B	2.00B	3.62B	59.4B	8.82	2.89	0.731	0.421	0.939	14.7	34.6	14.0 B	13
14	3.20B	2.00B	5.21B	77.5B	7.68	2.80	0.777	0.426	1.11	13.9	30.8	13.7 B	14
15	3.15B	2.00B	6.45B	84.4B	6.81	2.08	0.739	0.425	1.12	16.6	27.7	13.6 B	15
16	3.05B	2.00B	7.56B	89.2	6.32	1.68	0.766	0.422	1.15	19.9	24.7	12.8 B	16
17	3.00B	2.00B	7.47B	115	5.85	1.47	0.782	0.426	1.14	18.5	22.0	12.0 B	17
18	2.95B	2.00B	7.29B	123	5.65	1.36	0.759	0.421	1.68	16.2	19.8	11.2 B	18
19	2.85B	2.00B	7.11B	111	6.31	1.29	0.672	0.422	2.26	14.4	18.7	10.6 B	19
20	2.80B	2.00B	7.03B	92.4	6.30	1.33	0.620	0.419	2.48	14.2	23.7	10.2 B	20
21	2.70B	2.00B	6.88B	77.4	5.73	1.32	0.589	0.417	2.55	21.9	43.9	9.70B	21
22	2.65B	2.00B	6.82B	64.6	4.98	1.47	0.569	0.418	3.78	21.8	49.6	9.40B	22
23	2.60B	2.00B	7.06B	58.6	4.52	1.94	0.530	0.439	4.29	17.7	44.7	9.10B	23
24	2.55B	2.00B	7.29B	61.7	4.26	1.64	0.503	0.475	4.32	14.5	38.8	9.40B	24
25	2.50B	2.00B	8.24B	67.0	4.08	1.47	0.486	0.542	5.56	12.4	31.4	19.3	25
26	2.45B	2.00B	8.95B	66.6	3.71	1.36	0.463	0.565	6.88	11.8	26.7	43.8	26
27	2.45B	2.00B	8.75B	59.6	3.17	1.28	0.447	0.585	7.22	11.1	20.4	38.9	27
28	2.40B	2.00B	8.37B	50.1	3.16	1.15	0.475	0.494	6.45	10.3	18.5 B	41.6	28
29	2.35B		9.01B	40.6	3.18	1.06	0.530	0.475	5.55	10.3	18.2 B	46.0 B	29
30	2.35B		10.9 B	33.3	2.86	0.998	0.537	0.486	5.04	9.79	18.3 B	37.0 B	30
31	2.30B		27.1 B		2.86		0.510	0.505		9.32		27.0 B	31
TOTAL	94.66	57.55	185.46	1 904.2	288.05	63.578	23.372	13.824	81.207	389.25	636.06	751.40	TOTAL
MEAN	3.05	2.06	5.98	63.5	9.29	2.12	0.754	0.446	2.71	12.6	21.2	24.2	MEAN
MAX	3.68	2.25	27.1	123	27.7	5.24	1.30	0.565	7.22	21.9	49.6	50.9	MAX
MIN	2.30	2.00	2.00	30.4	2.86	0.998	0.447	0.411	0.586	2.86	7.54	9.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.3
MAXIMUM DAILY, 123 ON APR 18
MINIMUM DAILY, 0.411 ON AUG 6
MAXIMUM INSTANTANEOUS,
128 AT 01:04 EST ON APR 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 24 07 N
LONG 80 06 00 W
DRAINAGE AREA, 741 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 180	JUL	2 020
FEB	4 970	AUG	1 190
MAR	16 000	SEP	7 020
APR	165 000	OCT	33 600
MAY	24 900	NOV	55 000
JUN	5 490	DEC	64 900

TOTAL DISCHARGE, 388 000 dam³

WABIGOON RIVER AT DRYDEN - STATION NO. 05QD016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.42	6.65	11.6	6.51	6.65	11.0	5.10	11.2	11.9	12.0	16.8	12.3	1
2	1.42	6.65	12.5	6.51	6.65	15.4	5.10	11.3	12.2	12.0	16.7	12.5	2
3	1.42	6.65	12.7	6.65	6.51	16.1	37.4	10.1	12.2	12.0	16.8	12.3	3
4	1.42	6.65	11.3	6.51	6.51	15.6	46.7	11.3	11.9	12.3	16.6	12.6	4
5	1.42	6.65	11.6	6.51	6.51	12.2	46.7	8.78	12.2	11.5	16.7	12.3	5
6	1.42	6.65	11.6	6.65	6.51	11.5	50.0	16.6	11.6	12.0	16.8	12.6	6
7	6.37	6.65	11.6	6.51	6.51	15.4	50.0	16.4	11.0	12.3	16.7	12.3	7
8	6.65	6.65	7.36	6.65	6.51	15.9	50.6	17.1	12.5	12.5	16.7	12.6	8
9	6.65	6.51	6.51	6.51	6.51	28.6	74.8	16.3	12.2	12.7	12.6	12.0	9
10	6.65	6.65	6.51	6.51	6.51	28.6	74.2	16.3	12.5	12.5	12.3	12.7	10
11	6.65	6.65	6.51	6.51	6.51	28.6	74.8	16.3	12.5	12.5	12.5	12.2	11
12	6.37	6.65	6.51	6.51	6.51	36.7	74.5	16.3	12.0	11.3	12.6	12.5	12
13	6.80	6.65	6.51	6.65	6.51	36.4	75.6	16.3	12.2	12.5	12.5	12.3	13
14	6.80	6.65	6.51	6.65	6.51	36.2	74.6	16.1	12.3	12.5	12.6	12.6	14
15	6.51	6.65	6.51	6.51	6.51	36.4	83.4	17.3	12.0	12.5	12.5	12.6	15
16	6.80	6.51	6.51	6.51	6.65	37.7	83.3	17.3	12.7	12.5	12.6	12.6	16
17	6.65	6.51	6.37	6.65	6.51	37.7	83.1	7.08	12.0	12.6	12.3	12.7	17
18	6.65	6.51	6.65	6.65	6.51	37.7	83.1	6.37	11.9	12.5	12.5	12.6	18
19	6.80	6.65	6.37	6.51	13.3	37.7	82.8	11.5	11.9	11.9	12.5	12.5	19
20	6.65	6.51	6.65	6.65	13.2	37.7	82.8	12.5	12.2	12.6	12.6	12.7	20
21	6.80	6.65	6.51	6.65	12.7	37.7	82.7	12.2	11.6	16.8	12.0	12.5	21
22	6.80	6.51	6.65	6.51	12.7	37.7	82.8	12.0	12.5	16.7	12.5	12.7	22
23	6.65	11.5	6.65	6.51	11.3	37.7	83.0	12.0	12.6	16.8	12.5	12.5	23
24	6.80	12.2	6.65	6.51	11.5	37.7	83.0	11.8	11.9	16.8	12.5	12.6	24
25	6.65	12.0	6.65	6.65	10.8	33.6	82.7	12.2	12.6	16.7	12.5	12.7	25
26	6.65	12.2	6.51	6.65	10.8	37.1	46.4	10.9	11.8	16.8	12.5	12.5	26
27	6.65	12.2	6.51	6.65	11.3	32.6	36.5	13.3	12.6	16.7	12.5	12.6	27
28	6.80	11.3	6.65	6.65	11.0	5.10	38.2	12.7	12.2	16.7	12.5	12.0	28
29	6.51		6.65	6.51	10.6	5.10	38.5	12.7	12.0	16.8	12.5	12.7	29
30	6.65		6.65	6.51	10.5	5.10	38.4	12.7	12.0	16.8	12.6	12.5	30
31	6.51		6.65		11.0		11.0	12.3		16.4		12.5	31
TOTAL	174.99	216.86	241.11	197.12	268.30	802.50	1 885.80	407.23	363.7	429.2	408.5	387.3	TOTAL
MEAN	5.64	7.75	7.78	6.57	8.65	26.8	60.8	13.1	12.1	13.8	13.6	12.5	MEAN
MAX	6.80	12.2	12.7	6.65	13.3	37.7	83.4	17.3	12.7	16.8	16.8	12.7	MAX
MIN	1.42	6.51	6.37	6.51	6.51	5.10	5.10	6.37	11.0	11.3	12.0	12.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.8
MAXIMUM DAILY, 83.4 ON JUL 15
MINIMUM DAILY, 1.42 ON JAN 1

DATA CONTRIBUTED BY -
GREAT LAKES FOREST PRODUCTS LIMITED

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 49 45 N
LONG 92 52 15 W
DRAINAGE AREA, 2 300 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 100	JUL	163 000
FEB	18 700	AUG	35 200
MAR	20 800	SEP	31 400
APR	17 000	OCT	37 100
MAY	23 200	NOV	35 300
JUN	69 300	DEC	33 500

TOTAL DISCHARGE, 500 000 dam³

WABIGOON RIVER NEAR QUIBELL - STATION NO. 05QD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.2	24.6	33.3	26.5	69.5	49.0	39.0	103	38.4	38.0	44.7	38.7	1
2	16.7	25.0	32.9	26.3	64.6	51.5	35.9	96.3	38.7	38.3	44.3	38.7	2
3	16.9	25.4	32.7	26.0	61.0	53.3	54.2	92.7	39.0	39.4	43.9	39.4	3
4	16.8	25.9	32.8	25.7	58.0	53.6	102	90.9	38.3	40.9	43.1	40.2	4
5	16.8	26.9	32.9	25.7	56.8	52.9	133	90.7	37.6	40.9	43.0	40.5	5
6	17.2	27.5	33.0	26.0	56.4	50.0	149	89.3	37.5	40.4	43.0	39.8	6
7	17.0	28.1	32.8	26.1	54.7	47.3	162	81.2	35.7	44.5	43.2	38.8	7
8	19.6	28.5	32.9	25.8	53.7	46.9	171	72.7	35.8	52.4	42.4	38.4A	8
9	22.6	28.6	31.4	26.0	51.9	50.0	172	66.8	35.6	55.2	42.2	38.3E	9
10	24.2	28.4	28.8	2[illegible]	49.7	69.2	171	63.3	34.6	56.5	41.0	38.1E	10
11	25.2	28.5	27.9	26.[illegible]	47.6	98.7	169	60.9	34.5	58.2	39.4	38.0E	11
12	24.9	28.7	27.6	25.9	46.4	106	168	59.3	34.6	60.2	37.2	37.8E	12
13	24.1	27.9	27.8	26.2	44.5	111	166	57.7	34.4	60.5	36.0	37.7E	13
14	24.7	27.7	27.2	27.3	43.6	111	165	56.7	34.3	58.7	36.1	37.5E	14
15	25.2	27.4	27.1	32.0	44.1	107	163	56.3	34.3	55.2	36.7	37.4E	15
16	24.9	27.5	26.9	43.6	44.0	102	162	55.5	34.2	52.0	37.0	37.2E	16
17	24.8	27.9	27.0	55.4	44.4	97.4	163	54.7	33.6	50.8	37.0	37.1E	17
18	24.6	27.4	26.8	60.3	46.5	93.9	163	52.5	33.8	49.7	37.4	36.9E	18
19	24.8	27.5	26.0	62.7	52.3	91.4	168	49.2	33.7	48.0	36.8	36.8E	19
20	25.3	27.3	25.3	66.2	62.3	88.2	165	47.5	33.7	46.9	38.0	36.6E	20
21	25.1	26.5	25.5	66.4	67.0	85.6	165	47.7	33.8	45.6	40.5	36.5E	21
22	25.2	25.9	25.9	67.6	66.9	82.5	164	44.4	33.8	45.8	43.6	36.3E	22
23	25.1	26.0	25.9	77.1	64.1	80.1	164	41.9	33.8	46.6	43.4	36.2A	23
24	25.0	27.9	26.1	90.0	60.6	77.1	165	40.8	33.8	46.8	41.9	36.2	24
25	24.9	30.2	26.1	100	57.7	74.7	166	39.9	33.9	46.3	41.4	36.0	25
26	24.6	31.3	25.9	105	54.5	72.7	165	39.3	34.1	46.0	40.5A	35.8A	26
27	26.0	32.0	25.6	101	50.8	70.0	161	37.7	34.3	46.5	40.0E	35.7E	27
28	25.9	32.9	26.2	92.6	49.1	66.4	151	38.0	35.7	46.1	39.6E	35.7E	28
29	24.4		26.5	84.2	48.2	55.7	136	38.2	37.8	45.8	39.2	35.6E	29
30	23.9		26.7	75.9	47.9	44.3	124	38.4	37.8	45.2	39.8	35.6E	30
31	24.4		26.9		47.3		114	37.4		45.2		35.5E	31
TOTAL	708.0	779.4	880.4	1 545.8	1 666.1	2 235.4	4 512.1	1 840.9	1 061.1	1 492.6	1 211.5	1 159.0	TOTAL
MEAN	22.8	27.8	28.4	51.5	53.7	74.5	146	59.4	35.4	48.1	40.4	37.4	MEAN
MAX	26.0	32.9	33.3	105	69.5	111	172	103	39.0	60.5	44.7	40.5	MAX
MIN	16.7	24.6	25.3	25.7	43.6	44.3	35.9	37.4	33.6	38.0	36.0	35.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 52.3
MAXIMUM DAILY, 172 ON JUL 9
MINIMUM DAILY, 16.7 ON JAN 2
MAXIMUM INSTANTANEOUS,
174 AT 15:30 CST ON JUL 8

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 20 N
LONG 93 23 50 W
DRAINAGE AREA, 6 370 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1914

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	61 200	JUL	390 000
FEB	67 300	AUG	159 000
MAR	76 100	SEP	91 700
APR	134 000	OCT	129 000
MAY	144 000	NOV	105 000
JUN	193 000	DEC	100 000

TOTAL DISCHARGE, 1 650 000 dam³

WABOOSE LAKE RESERVOIR AT WABOOSE DAM - STATION NO. 04GB002

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	324.680	324.820	324.920	324.760	325.100	325.700	325.970	325.650	325.450	325.430	325.580	325.720	1
2	324.680	324.820	324.920	324.750	325.030	325.730	325.950	325.630	325.460	325.400	325.580	325.710	2
3	324.680	324.820	324.920	324.770	325.060	325.760	325.940	325.630	325.460	325.440	325.590	325.730	3
4	324.690	324.820	324.920	324.790	325.080	325.770	325.940	325.630	325.450	325.410	325.590	325.720	4
5	324.690	324.830	324.910	324.790	325.090	325.780	325.930	325.620	325.440	325.430	325.600	325.720	5
6	324.700	324.830	324.910	324.800	325.070	325.790	325.940	325.620	325.430	325.390	325.630	325.720	6
7	324.700	324.840	324.910	324.790	325.050	325.810	325.960	325.600	325.410	325.410	325.610	325.720	7
8	324.710	324.840	324.910	324.790	325.030	325.850	325.970	325.620	325.420	325.450	325.630	325.730	8
9	324.710	324.840	324.910	324.780	325.030	325.830	325.920	325.640	325.410	325.440	325.620	325.730	9
10	324.720	324.840	324.910	324.770	325.020	325.880	325.910	325.620	325.410	325.440	325.620	325.730	10
11	324.720	324.850	324.910	324.760	325.060	325.940	325.880	325.610	325.400	325.470	325.630	325.730	11
12	324.720	324.850	324.910	324.750	325.070	325.940	325.870	325.590	325.420	325.490	325.650	325.730	12
13	324.730	324.860	324.910	324.740	325.060	325.940	325.860	325.580	325.480	325.500	325.660	325.730	13
14	324.730	324.860	324.910	324.730	325.080	325.940	325.830	325.580	325.460	325.510	325.680	325.720	14
15	324.740	324.860	324.900	324.720	325.120	325.960	325.820	325.570	325.450	325.510	325.690	325.720	15
16	324.740	324.880	324.910	324.730	325.140	325.930	325.810	325.580	325.440	325.500	325.700	325.710	16
17	324.740	324.880	324.910	324.730	325.160	325.970	325.810	325.560	325.440	325.470	325.700	325.700	17
18	324.740	324.880	324.910	324.710	325.210	325.970	325.810	325.550	325.430	325.490	325.700	325.700	18
19	324.750	324.890	324.900	324.700	325.290	325.980	325.780	325.560	325.420	325.490	325.710	325.700	19
20	324.750	324.900	324.900	324.690	325.320	325.980	325.770	325.540	325.430	325.500	325.720	325.680	20
21	324.760	324.910	324.890	324.680	325.340	325.980	325.780	325.530	325.420	325.500	325.750	325.670	21
22	324.760	324.910	324.880	324.670	325.370	325.990	325.760	325.520	325.420	325.500	325.730	325.660	22
23	324.780	324.910	324.860	324.700	325.400	325.980	325.740	325.520	325.410	325.500	325.730	325.650	23
24	324.780	324.910	324.850	324.760	325.440	326.000	325.740	325.510	325.400	325.510	325.730	325.650	24
25	324.780	324.920	324.840	324.860	325.480	326.000	325.750	325.510	325.400	325.510	325.730	325.640	25
26	324.780	324.920	324.820	324.850	325.510	325.990	325.720	325.510	325.400	325.510	325.730	325.630	26
27	324.790	324.920	324.810	324.850	325.540	326.010	325.710	325.520	325.380	325.510	325.730	325.620	27
28	324.800	324.920	324.800	324.920	325.570	326.000	325.700	325.490	325.350	325.510	325.740	325.620	28
29	324.800		324.780	325.080	325.610	326.000	325.680	325.460	325.380	325.580	325.740	325.640	29
30	324.810		324.770	325.160	325.640	325.980	325.670	325.470	325.430	325.580	325.730	325.640	30
31	324.810		324.780		325.650		325.680	325.450		325.580		325.630	31
MEAN	324.741	324.869	324.880	324.786	325.246	325.913	325.826	325.564	325.423	325.483	325.674	325.690	MEAN
MAX	324.810	324.920	324.920	325.160	325.650	326.010	325.970	325.650	325.480	325.580	325.750	325.730	MAX
MIN	324.680	324.820	324.770	324.670	325.020	325.700	325.670	325.450	325.350	325.390	325.580	325.620	MIN

WATER LEVELS IN METRES

MEAN, 325.344
MAXIMUM DAILY, 326.010 ON JUN 27
MINIMUM DAILY, 324.670 ON APR 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 20 N
LONG 87 59 40 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WANAPITEI LAKE AT BOWLANDS BAY - STATION NO. 02DA002

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	266.974	266.578	266.029	265.389	266.090	267.310	267.553	267.492	267.340	267.553	267.371	267.462	1
2	266.974	266.578	265.999	265.359	266.151	267.340	267.553	267.492	267.380	267.553	267.401	267.462	2
3	266.944	266.548	265.999	265.359	266.243	267.371	267.553	267.462	267.401	267.584	267.371	267.462	3
4	266.944	266.548	265.968	265.328	266.334	267.371	267.553	267.462	267.380	267.553	267.371	267.462	4
5	266.944	266.517	265.968	265.328	266.395	267.401	267.553	267.462	267.395	267.553	267.371	267.462	5
6	266.944	266.487	265.938	265.298	266.456	267.401	267.553	267.462	267.401	267.553	267.371	267.492	6
7	266.944	266.487	265.938	265.298	266.487	267.401	267.553	267.431	267.401	267.584	267.340	267.492	7
8	266.944	266.456	265.907	265.267	266.578	267.431	267.553	267.431	267.401	267.553	267.340	267.492	8
9	266.913	266.426	265.907	265.237	266.639	267.431	267.553	267.431	267.401	267.553	267.340	267.492	9
10	266.913	266.395	265.907	265.237	266.700	267.431	267.553	267.431	267.401	267.553	267.310	267.492	10
11	266.913	266.365	265.877	265.206	266.700	267.431	267.553	267.401	267.401	267.523	267.340	267.492	11
12	266.883	266.365	265.847	265.206	266.791	267.462	267.553	267.401	267.401	267.553	267.279	267.492	12
13	266.852	266.334	265.816	265.206	266.822	267.462	267.553	267.401	267.431	267.523	267.371	267.492	13
14	266.852	266.304	265.786	265.206	266.883	267.462	267.553	267.401	267.431	267.523	267.371	267.462	14
15	266.822	266.273	265.755	265.206	266.913	267.462	267.553	267.401	267.431	267.523	267.371	267.492	15
16	266.822	266.243	265.755	265.206	266.944	267.492	267.553	267.371	267.431	267.523	267.371	267.492	16
17	266.791	266.243	265.725	265.237	266.974	267.492	267.553	267.401	267.431	267.492	267.371	267.462	17
18	266.791	266.212	265.725	265.237	267.005	267.492	267.553	267.371	267.462	267.492	267.401	267.431	18
19	266.761	266.182	265.694	265.298	267.035	267.492	267.553	267.371	267.462	267.462	267.401	267.431	19
20	266.761	266.182	265.664	265.359	267.096	267.523	267.553	267.371	267.462	267.492	267.401	267.431	20
21	266.730	266.151	265.633	265.389	267.127	267.523	267.553	267.371	267.523	267.492	267.431	267.401	21
22	266.730	266.121	265.603	265.420	267.127	267.523	267.553	267.340	267.523	267.462	267.431	267.371	22
23	266.700	266.121	265.572	265.450	267.127	267.523	267.553	267.371	267.553	267.462	267.431	267.371	23
24	266.700	266.090	265.542	265.481	267.157	267.553	267.523	267.371	267.584	267.462	267.462	267.340	24
25	266.669	266.090	265.572	265.572	267.157	267.553	267.523	267.371	267.614	267.462	267.431	267.371	25
26	266.669	266.060	265.542	265.633	267.188	267.553	267.523	267.340	267.614	267.431	267.462	267.340	26
27	266.639	266.060	265.481	265.725	267.218	267.553	267.523	267.371	267.584	267.431	267.462	267.340	27
28	266.639	266.029	265.481	265.847	267.249	267.553	267.523	267.340	267.614	267.431	267.431	267.310	28
29	266.609		265.450	265.938	267.249	267.584	267.492	267.340	267.614	267.401	267.462	267.340	29
30	266.609		265.450	265.999	267.279	267.584	267.492	267.340	267.584	267.401	267.462	267.340	30
31	266.609		265.420		267.279		267.492	267.371		267.401		267.310	31
MEAN	266.806	266.302	265.740	265.397	266.851	267.472	267.542	267.399	267.468	267.501	267.391	267.428	MEAN
MAX	266.974	266.578	266.029	265.999	267.279	267.584	267.553	267.492	267.614	267.584	267.462	267.492	MAX
MIN	266.609	266.029	265.420	265.206	266.090	267.310	267.492	267.340	267.340	267.401	267.279	267.310	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 266.947
MAXIMUM DAILY, 267.614 ON SEP 25
MINIMUM DAILY, 265.206 ON APR 11

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 39 22 N
LONG 80 46 03 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1933

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WANAPITEI RIVER NEAR WANUP - STATION NO. 02DB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.1	38.3	37.6	110	24.0	8.54	8.73	16.1	7.78	41.8	53.7	40.8	1
2	33.3	38.5	35.3	100	26.9	10.3	8.58	13.7	9.63	46.8	47.3	44.9	2
3	33.1	40.4	38.0	98.9	30.3	10.9	8.77	11.7	9.43	43.7	47.0	49.6	3
4	33.0	44.5	38.6	96.1	30.0	10.6	9.07	12.9	9.11	42.9	46.6	59.9	4
5	33.3	47.7	41.5	84.6	30.4	10.1	9.24	12.7	8.71	41.9	47.6	55.8	5
6	33.2	45.8	41.7	77.7	34.1	9.55	9.53	15.8	11.6	42.0	44.5	63.8	6
7	32.7	45.2	42.3	71.0	33.1	7.50	8.95	17.7	10.2	54.5	44.2	60.8	7
8	31.8	44.2	41.9	66.5	26.3	7.88	8.76	12.8	8.88	69.6	41.5	55.8	8
9	31.9	47.3	40.2	64.2	19.2	7.04	9.14	11.2	8.31	80.7	38.1	52.0	9
10	32.2	51.4	38.3	66.6	16.0	6.73	11.7	10.7	8.11	79.9	28.9	47.1	10
11	32.3	53.3	38.2	74.4	14.7	7.21	11.8	8.26	8.14	75.9	29.7	42.6	11
12	34.1	52.4	41.5	78.3	9.15	7.16	11.9	11.0	7.84	73.3	40.8	40.7	12
13	40.5	51.7	47.3	99.0	8.95	7.09	12.9	15.0	7.72	71.4	51.9	41.9	13
14	42.9	51.1	49.8	115	9.59	6.98	17.9	11.8	8.25	70.0	49.0	43.7	14
15	43.7	49.7	50.2	109	9.03	6.94	12.4	11.5	8.53	71.3	46.2	54.3	15
16	43.4	47.6	49.1	92.1	8.70	6.92	13.5	15.6	8.43	70.8	43.7	50.0	16
17	43.3	47.1	47.7	75.8	7.89	6.73	14.8	12.1	8.43	68.8	42.6	49.0	17
18	41.8	46.1	47.3	74.9	5.19	7.02	12.5	11.8	11.6	65.9	42.8	51.7	18
19	40.7	45.5	51.7	62.0	3.37	8.06	16.3	9.98	11.7	63.9	41.7	50.6	19
20	40.6	43.8	54.3	51.7	3.01	8.30	13.0	7.62	12.3	64.2	43.1	49.9	20
21	40.6	42.8	55.5	44.1	2.78	8.31	14.9	7.27	15.2	68.9	52.1	49.6	21
22	39.7	43.1	55.4	39.1	2.55	8.23	13.2	7.57	14.5	68.4	52.4	50.1	22
23	36.1	42.1	53.3	40.6	2.36	9.46	13.5	8.52	13.7	65.6	48.8	50.4	23
24	36.7	41.9	49.3	37.9	3.17	9.05	15.9	8.49	17.7	63.4	47.4	54.2	24
25	38.8	40.9	50.7	38.5	6.08	8.31	12.4	8.39	23.1	61.9	46.9	61.3	25
26	41.4	39.6	50.9	40.0	6.42	9.85	12.9	8.29	44.0	61.0	48.4	78.5	26
27	41.8	40.7	51.3	37.6	5.58	10.4	15.6	8.23	46.4	59.6	53.4	73.5	27
28	41.4	39.8	48.3	31.0	5.26	10.1	15.6	8.13	46.4	58.5	51.9	73.8	28
29	41.1		48.1	35.0	5.70	9.44	13.6	7.57	45.6	57.5	49.1	81.5	29
30	41.3		47.4	33.1	6.17	8.95	14.4	7.18	46.9	57.0	48.3	72.3	30
31	38.6		74.6		6.92		15.8	6.97		56.0		65.5	31
TOTAL	1 166.6	1 262.5	1 457.3	2 044.7	402.87	253.65	387.27	334.93	498.20	1 914.7	1 321.6	1 725.6	TOTAL
MEAN	37.6	45.1	47.0	68.2	13.0	8.46	12.5	10.8	16.6	61.8	44.1	55.7	MEAN
MAX	43.7	53.3	74.6	115	34.1	10.9	17.9	17.7	46.9	80.7	53.7	81.5	MAX
MIN	31.8	38.3	35.3	31.0	2.36	6.73	8.58	6.97	7.72	41.8	28.9	40.7	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.8
MAXIMUM DAILY, 115 ON APR 14
MINIMUM DAILY, 2.36 ON MAY 23
MAXIMUM INSTANTANEOUS,
119 AT 02:40 EST ON APR 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 30 40 N
LONG 80 50 24 W
DRAINAGE AREA, 3 130 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	101 000	JUL	33 500
FEB	109 000	AUG	28 900
MAR	126 000	SEP	43 000
APR	177 000	OCT	165 000
MAY	34 800	NOV	114 000
JUN	21 900	DEC	149 000

TOTAL DISCHARGE, 1 100 000 dam³

WATABEAG RIVER AT WATABEAG LAKE DAM - STATION NO. 04MB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.84	1.42	5.66	3.11	0	0	0	0	0	0	3.26	3.26	1
2	1.84	1.42	5.38	3.40	0	0	0	0	0	0	4.98	3.26	2
3	1.84	1.42	5.38	3.68	0	0	0	0	0	0	6.09	3.26	3
4	1.84	1.42	4.96	4.11	0	0	0	0	0	0	5.80	3.26	4
5	1.84	1.42	4.67	4.39	0	0	0	0	0	0	5.80	3.26	5
6	1.84	1.42	4.67	4.67	0	0	0	0	0	0	5.80	2.97	6
7	1.84	1.42	4.39	5.10	0	0	0	0	0	0	5.38	2.97	7
8	1.84	1.42	4.39	5.38	0	0	0	0	0	0	5.38	2.97	8
9	1.84	1.42	6.88	5.66	0	0	0	0	0	0	5.38	2.97	9
10	1.84	1.42	6.85	6.09	0	0	0	0	0	0	5.10	2.97	10
11	1.70	1.42	6.80	6.37	0	0	0	0	0	0	5.10	2.97	11
12	1.70	1.42	6.71	6.65	0	0	0	0	0	0	5.10	2.97	12
13	1.70	1.42	6.65	7.08	0	0	0	0	0	0	4.81	2.97	13
14	1.70	1.42	6.51	7.36	0	0	0	0	0	2.07	4.81	2.69	14
15	1.70	1.42	6.37	4.70	0	0	0	0	0	3.54	4.39	2.69	15
16	1.70	6.94	6.23	0	0	0	0	0	0	3.54	4.39	2.69	16
17	1.70	11.5	6.09	0	0	0	0	0	0	3.54	4.39	2.69	17
18	1.42	11.5	5.95	0	0	0	0	0	0	3.54	4.11	2.69	18
19	1.42	10.8	5.80	0	0	0	0	0	0	3.54	4.11	2.69	19
20	1.42	10.8	5.66	0	0	0	0	0	0	3.54	4.11	2.69	20
21	1.42	9.91	5.52	0	0	0	0	0	0	3.54	3.82	2.69	21
22	1.42	9.91	5.38	0	0	0	0	0	0	3.54	3.82	2.69	22
23	1.42	9.20	5.10	0	0	0	0	0	0	3.54	3.82	2.69	23
24	1.42	8.35	4.81	0	0	0	0	0	0	3.54	3.54	2.69	24
25	1.42	8.07	4.53	0	0	0	0	0	0	3.54	3.54	2.41	25
26	1.42	7.36	4.25	0	0	0	0	0	0	3.54	3.54	2.41	26
27	1.42	6.94	3.96	0	0	0	0	0	0	3.54	3.26	2.41	27
28	1.42	6.37	3.68	0	0	0	0	0	0	3.26	3.26	2.41	28
29	1.42		3.40	0	0	0	0	0	0	3.26	3.26	2.41	29
30	1.42		3.11	0	0	0	0	0	0	3.26	3.26	2.41	30
31	1.42		2.83		0		0	0		3.26		2.41	31
TOTAL	50.18	138.95	162.57	77.75	0	0	0	0	0	81.13	133.41	86.52	TOTAL
MEAN	1.62	4.96	5.24	2.59	0	0	0	0	0	1.97	4.45	2.79	MEAN
MAX	1.84	11.5	6.88	7.36	0	0	0	0	0	3.54	6.09	3.26	MAX
MIN	1.42	1.42	2.83	0	0	0	0	0	0	0	3.26	2.41	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.95
MAXIMUM DAILY, 11.5 ON FEB 17
MINIMUM DAILY, 0 ON APR 16

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 17 34 N
LONG 80 32 43 W
DRAINAGE AREA, 238 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 340	JUL	0
FEB	12 000	AUG	0
MAR	14 000	SEP	0
APR	6 720	OCT	5 280
MAY	0	NOV	11 500
JUN	0	DEC	7 480

TOTAL DISCHARGE, 61 300 dam³

WAUBUNO CREEK NEAR DORCHESTER - STATION NO. 02GD020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.420B	0.210B	0.165B	14.7	0.531	1.30	0.249	0.056	0.094	0.355	0.162	3.18	1
2	0.540B	0.208B	0.165B	6.45	0.501	1.76	0.199	0.128	0.097	0.289	0.441	2.28	2
3	0.530B	0.210B	0.170B	8.37	0.455	1.06	0.176	0.129	0.135	0.249	2.03	2.10	3
4	1.50 B	0.210B	0.180B	5.65	0.413	0.745	0.236	0.125	0.181	0.217	1.98	3.87	4
5	2.10 B	0.208B	0.195B	3.05	0.389	0.707	0.283	0.109	0.132	0.188	1.53	4.41	5
6	1.30 B	0.205B	0.195B	2.38	0.371	1.88	0.225	0.092	0.103	0.165	1.09	11.4	6
7	0.840B	0.200B	0.180B	2.33	0.344	1.67	0.183	0.077	0.081	0.156	0.820	5.05	7
8	0.630B	0.190B	0.165B	2.22	0.354	1.19	0.154	0.128	0.074	0.153	0.668	2.64	8
9	0.500B	0.188B	0.165B	3.18	0.332	0.874	0.131	0.110	0.061	0.159	0.555	1.98	9
10	0.408B	0.184B	0.165B	3.32	0.279	0.671	0.110	0.099	0.050	0.157	0.500	1.60	10
11	0.360B	0.180B	0.175B	2.53	0.263	0.528	0.106	0.082	0.043	0.185	0.708	1.35	11
12	0.330B	0.182B	0.250B	2.76	0.255	0.419	0.118	0.074	0.039	0.248	3.67	1.07 B	12
13	0.305B	0.190B	1.70 B	4.74	0.239	0.513	0.099	0.063	0.035	0.233	4.91	0.980B	13
14	0.280B	0.208B	6.40 B	4.10 A	0.227	0.475	0.081	0.058	0.030	0.198	2.49	0.920B	14
15	0.260B	0.210B	7.00 B	3.75 E	0.212	0.418	0.076	0.050	0.035	0.187	1.75	0.899	15
16	0.245B	0.210B	6.00 B	3.50 E	0.201	0.582	0.070	0.039	0.062	0.190	1.34	5.78	16
17	0.232B	0.207B	5.50 B	5.60 E	0.196	0.460	0.082	0.031	0.080	0.178	1.18	4.31	17
18	0.228B	0.203B	5.30 B	3.85 E	0.195	0.348	0.119	0.020	0.097	0.165	1.06	1.96 B	18
19	0.222B	0.200B	5.20 B	2.75 E	0.191	0.400	0.126	0.021	0.093	0.159	0.996	1.47	19
20	0.225B	0.195B	5.20 B	2.17 A	0.238	0.544	0.156	0.013	0.092	0.161	1.04	1.33	20
21	0.228B	0.190B	5.25 B	3.24	0.209	0.533	0.113	0.013	0.082	0.155	5.38	1.15	21
22	0.230B	0.185B	5.35 B	1.87	0.189	0.697	0.097	0.023	0.093	0.155	6.78	1.02	22
23	0.236B	0.182B	5.40 B	1.37	0.323	0.500	0.086	0.040	0.214	0.158	3.22	1.07	23
24	0.240B	0.180B	5.70 B	1.10	0.328	0.370	0.071	0.034	0.373	0.145	6.55	5.12	24
25	0.240B	0.180B	3.75 B	0.901	0.270	0.299	0.065	1.10	0.438	0.136	3.64	18.2	25
26	0.239B	0.175B	2.70 B	0.812	0.244	0.285	0.058	0.754	0.524	0.133	2.09	13.4	26
27	0.234B	0.170B	2.15 B	0.773	0.275	0.274	0.061	0.315	0.578	0.143	1.60	5.02	27
28	0.225B	0.165B	1.85 B	2.680	5.08	0.250	0.079	0.200	0.844	0.133	1.63	5.57	28
29	0.220B		1.70 B	0.604	5.08	0.469	0.064	0.149	0.631	0.129	3.09	4.42	29
30	0.218B		4.74	0.568	1.93	0.340	0.071	0.131	0.451	0.127	5.18	2.21	30
31	0.212B		31.9		1.37		0.084	0.114		0.137		1.56 B	31
TOTAL	13.977	5.425	114.960	99.318	21.484	20.561	3.804	4.372	5.842	5.543	68.680	117.259	TOTAL
MEAN	0.451	0.194	3.71	3.31	0.693	0.685	0.123	0.141	0.195	0.179	2.29	3.78	MEAN
MAX	2.10	0.210	31.9	14.7	5.08	1.88	0.283	1.10	0.844	0.355	6.78	18.2	MAX
MIN	0.212	0.165	0.165	0.568	0.189	0.250	0.054	0.013	0.030	0.127	0.162	0.899	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.32
MAXIMUM DAILY, 31.9 ON MAR 31
MINIMUM DAILY, 0.013 ON AUG 20
MAXIMUM INSTANTANEOUS,
48.4 AT 11:35 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 59 40 N
LONG 81 07 00 W
DRAINAGE AREA, 108 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 210	JUL	329
FEB	469	AUG	370
MAR	9 930	SEP	585
APR	8 580	OCT	479
MAY	1 860	NOV	5 930
JUN	1 780	DEC	10 100

TOTAL DISCHARGE, 41 600 dam³

WELLAND RIVER BELOW CAISTOR CORNERS - STATION NO. 02HA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.59	0.095B	0.303B	36.6	0.187	0.426	0.472	0.140	0.157	0.966	0.640	7.03	1
2	6.25	0.082B	0.288B	18.1	0.154	0.216	0.258	0.164	0.174	0.709	1.78	3.93	2
3	6.03	0.070B	0.273B	12.6	0.121	0.121	0.157	0.170	0.174	0.494	5.52	3.07	3
4	13.3	0.062B	0.260B	16.3	0.102	0.085	0.108	0.224	0.181	0.315	18.0	5.18	4
5	33.2	0.056B	0.245B	6.22	0.096	0.328	0.092	0.214	0.180	0.200	25.3	5.58	5
6	16.2	0.052B	0.235B	4.33	0.088	9.64	0.077	0.193	0.172	0.181	13.9	10.1	6
7	7.36	0.048B	0.225B	2.68	0.070	12.7	0.063	0.176	0.171	0.136	5.94	11.0	7
8	5.76	0.046B	0.214B	2.84	0.080	6.25	0.055	0.179	0.176	0.510	3.16	5.13	8
9	4.39	0.044B	0.205B	3.06	0.083	3.09	0.053	0.186	0.167	0.621	1.95	2.73	9
10	1.92	0.042B	0.200B	6.47	0.077	1.69	0.048	0.174	0.165	0.656	1.29	1.59	10
11	1.37	0.040B	0.800B	7.65	0.077	1.04	0.047	0.172	0.165	0.821	1.22	1.21	11
12	1.03	0.039B	6.00 B	6.52	0.078	0.787	0.047	0.159	0.170	0.895	2.17	0.880B	12
13	0.760B	0.038B	12.0 B	5.38	0.068	0.688	0.046	0.131	0.174	0.985	3.60	0.780B	13
14	0.630B	0.036B	30.0 B	6.00	0.063	0.551	0.043	0.105	0.170	0.893	3.54	0.726B	14
15	0.540B	0.038B	40.0 B	3.87	0.060	0.499	0.043	0.084	0.170	0.794	2.43	1.23	15
16	0.470B	0.048B	36.0 B	2.50	0.056	0.515	0.042	0.068	0.167	0.752	1.52	16.3	16
17	0.420B	0.065B	32.0 B	2.10	0.050	0.514	0.043	0.058	0.180	0.710	1.15	21.5	17
18	0.399B	0.082B	32.5	3.25	0.042	0.368	0.045	0.043	0.241	0.684	0.981	9.71	18
19	0.350B	0.110B	22.8	3.02	0.037	0.168	0.047	0.039	0.282	0.648	0.876	3.00 B	19
20	0.315B	0.160B	16.8	2.31	0.037	0.094	0.046	0.038	0.351	0.636	0.812	1.60 B	20
21	0.290B	0.205B	18.5	7.04	0.037	0.120	0.043	0.034	0.551	0.627	1.98	1.40 B	21
22	0.268B	0.240B	15.1	4.85	0.034	2.05	0.045	0.037	0.644	0.616	7.88	1.30 B	22
23	0.250B	0.280B	15.8	2.61	0.041	8.18	0.045	0.080	0.973	0.605	7.45	1.27 B	23
24	0.232B	0.330B	16.3	1.59	0.085	5.42	0.039	0.157	1.07	0.604	12.6	13.5	24
25	0.218B	0.399B	14.0	1.09	0.082	3.06	0.037	0.259	1.02	0.604	12.6	39.1	25
26	0.200B	0.375B	10.0	0.819	0.072	1.45	0.041	0.241	0.912	0.617	5.93	38.5	26
27	0.175B	0.355B	7.77	0.615	0.101	0.822	0.045	0.231	1.64	0.626	3.25	18.2	27
28	0.155B	0.335B	5.02	0.459	0.279	0.575	0.105	0.221	2.99	0.620	2.25	9.73	28
29	0.140B		3.91	0.364	1.73	0.577	0.161	0.183	3.13	0.609	5.56	12.2	29
30	0.120B		6.80	0.277	1.71	0.713	0.140	0.175	1.61	0.599	9.99	5.83	30
31	0.105B		28.4		0.755		0.133	0.160		0.592		2.98	31
TOTAL	107.437	3.772	372.948	171.514	6.552	62.737	2.672	4.495	18.327	19.285	165.269	256.286	TOTAL
MEAN	3.47	0.135	12.0	5.72	0.211	2.09	0.086	0.145	0.611	0.622	5.51	8.27	MEAN
MAX	33.2	0.399	40.0	36.6	1.73	12.7	0.472	0.259	3.13	0.985	25.3	39.1	MAX
MIN	0.105	0.036	0.200	0.277	0.034	0.085	0.037	0.034	0.157	0.136	0.640	0.726	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.26
MAXIMUM DAILY, 40.0B ON MAR 15
MINIMUM DAILY, 0.034 ON MAY 22
MAXIMUM INSTANTANEOUS,
42.8 AT 00:16 EST ON DEC 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 01 30 N
LONG 79 37 00 W
DRAINAGE AREA, 230 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 280	JUL	231
FEB	326	AUG	388
MAR	32 200	SEP	1 580
APR	14 800	OCT	1 670
MAY	566	NOV	14 300
JUN	5 420	DEC	22 100

TOTAL DISCHARGE, 103 000 dam³

REMARKS - STATION FORMERLY CALLED "WELLAND RIVER AT MERRITTS CHURCH"

WELLAND RIVER NEAR MOUNT HOPE - STATION NO. 02HA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.016	0.003	0.003E	0.112	0.003	0.006	0.002	0	0	0.004	0.006	0.025	1
2	0.009	0.003B	0.003B	0.042	0.003	0.004	0.001	0	0	0.003	0.018	0.021	2
3	0.005	0.003B	0.003E	0.202	0.003	0.002	0	0	0.001	0.002	0.040	0.024	3
4	0.117	0.003B	0.003E	0.041	0.003	0.001	0.001	0	0	0.002	0.086	0.034	4
5	0.068	0.003	0.003B	0.022	0.002	0.035	0.001	0	0	0.001	0.046	0.038	5
6	0.018	0.003B	0.003B	0.034	0.002	0.113E	0	0	0	0.001	0.018	0.075	6
7	0.013	0.003B	0.003E	0.020	0.002	0.036E	0	0	0	0.003	0.009	0.030	7
8	0.006	0.003	0.003E	0.032	0.003	0.013E	0	0	0	0.005	0.007	0.018	8
9	0.004	0.003	0.003E	0.047	0.004	0.006E	0	0	0	0.003	0.006	0.015	9
10	0.003B	0.003	0.003E	0.038	0.003	0.004E	0	0	0	0.002	0.005	0.011	10
11	0.002B	0.003	3.004E	0.035	0.002	0.003E	0	0	0	0.004	0.012	0.009	11
12	0.002B	0.003	3.050	0.028	0.001	0.002E	0	0	0	0.004	0.021	0.007	12
13	0	0.003	0.972	0.051	0.001	0.006E	0	0	0	0.003	0.015	0.005	13
14	0	0.003	0.369	0.033	0	0.009E	0	0	0	0.003	0.010	0.005	14
15	0 B	0.003	0.255	0.023	0	0.006E	0	0	0	0.002	0.007	0.011	15
16	0 B	0.004	0.168	0.019	0	0.040E	0	0	0	0.002	0.006	0.116	16
17	0 B	0.005	0.241	0.044	0	0.008E	0	0	0	0.002	0.005	0.040	17
18	0 B	0.006	0.101	0.030	0	0.011E	0	0	0	0.001	0.005	0.014	18
19	0	0.006	0.097	0.015	0	0.024E	0	0	0	0.001	0.005	0.012	19
20	0	0.006	0.134	0.058	0.003	0.014E	0	0	0	0.002	0.005	0.012	20
21	0	0.005	0.096	0.073	0.002	0.057E	0	0	0	0.002	0.023	0.010	21
22	0.001	0.005	0.171	0.037	0.002	0.030E	0	0	0	0.002	0.026	0.009	22
23	0.002	0.005	0.161	0.019	0.003	0.016E	0	0	0.015	0.001	0.028	0.012	23
24	0.004	0.005	0.144	0.009	0.003	0.007E	0	0	0.007	0.001	0.097	0.089	24
25	0.003B	0.004E	0.072	0.006	0.002	0.005	0	0.050	0.009	0.001	0.029	0.548	25
26	0.003	0.004E	0.040	0.005	0.001	0.009	0	0.008	0.005	0.001	0.016	0.150	26
27	0.003	0.004E	0.020	0.005	0.002	0.006	0	0.003	0.004	0.001	0.012	0.048	27
28	0.003	0.004E	0.013	0.005	0.007	0.004	0	0.001	0.026	0.002	0.016	0.095	28
29	0.003		0.059	0.004	0.004	0.005	0	0	0.008	0.002	0.059	0.047	29
30	0.003		0.107	0.003	0.003	0.004	0	0	0.005	0.002	0.043	0.017	30
31	0.003		0.545		0.003		0	0		0.002		0.012	31
TOTAL	0.291	0.108	3.849	1.092	0.067	0.486	0.005	0.062	0.120	0.067	0.681	1.559	TOTAL
MEAN	0.009	0.004	0.124	0.036	0.002	0.016	0	0.002	0.004	0.002	0.023	0.050	MEAN
MAX	0.117	0.006	0.972	0.202	0.007	0.113	0.002	0.050	0.044	0.005	0.097	0.548	MAX
MIN	0	0.003	0.003	0.003	0	0.001	0	0	0	0.001	0.005	0.005	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.023
MAXIMUM DAILY, 0.972 ON MAR 13
MINIMUM DAILY, 0 ON JAN 13
MAXIMUM INSTANTANEOUS,
2.57 AT 15:21 EST ON MAR 13

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 10 14 N
LONG 79 56 51 W
DRAINAGE AREA, 2.08 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25.1	JUL	0.43
FEB	9.33	AUG	5.36
MAR	333	SEP	10.4
APR	94.3	OCT	5.79
MAY	5.79	NOV	58.8
JUN	42.0	DEC	135

TOTAL DISCHARGE, 725 dam³

REMARKS - DRAINAGE AREA REVISED MAY 1982. DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE

WEST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.160B	0.180B	0.192B	42.0 B	0.688	0.177	0.123	0.083	0.081	0.162	0.121	3.22	1
2	0.205B	0.179B	0.191B	24.0 B	0.625	0.234	0.100	0.112	0.119	0.424	0.130	4.30	2
3	0.265B	0.178B	0.191B	9.50 B	0.580	0.215	0.104	0.101	0.164	0.386	0.148	6.10	3
4	0.325B	0.177B	0.190B	8.00 B	0.532	0.146	0.111	0.076	0.140	0.263	2.76	6.63 A	4
5	0.400B	0.177B	0.189B	3.68 B	0.489	0.136	0.077	0.045	0.103	0.191	8.07	4.80 E	5
6	1.50 B	0.176B	0.188B	2.57 B	0.471	0.154	0.063	0.031	0.106	0.166	3.46	2.97 A	6
7	1.25 B	0.175B	0.187B	1.80 B	0.444	0.163	0.057	0.046	0.243	0.157	1.83	2.10	7
8	0.905B	0.175B	0.186B	1.42 B	0.459	0.144	0.049	0.078	0.257	0.163	1.22	1.81	8
9	0.745B	0.174B	0.185B	1.37 B	2.45	0.113	0.054	0.071	0.167	0.189	0.840	1.05 B	9
10	0.595B	0.174B	0.185B	2.08 B	2.08	0.105	0.053	0.048	0.131	0.173	0.640	0.832B	10
11	0.495B	0.173B	0.200B	2.87 E	1.12	0.106	0.046	0.039	0.113	0.153	0.557	0.652B	11
12	0.360B	0.172B	0.400B	3.04 E	0.797	0.109	0.071	0.030	0.084	0.145	0.759	0.542B	12
13	0.295B	0.172B	0.960B	5.65 E	0.616	0.110	0.068	0.023	0.069	0.160	1.10	0.413B	13
14	0.248B	0.171B	1.55 B	7.30 E	0.515	0.106	0.047	0.019	0.064	0.194	0.863	0.312B	14
15	0.235B	0.171B	2.10 B	4.25 E	0.428	0.110	0.042	0.014	0.066	0.344	0.659	0.365B	15
16	0.227B	0.170B	3.40 B	4.07 E	0.396	0.149	0.036	0.010	0.084	0.394	0.628	1.50 B	16
17	0.219B	0.170B	3.30 B	4.65 E	0.370	0.162	0.041	0.009	0.088	0.305	0.530	3.85 B	17
18	0.213B	0.175B	3.20 B	4.73 E	0.329	0.115	0.046	0.006	0.098	0.242	0.494	3.00 B	18
19	0.208B	0.181B	3.23 B	2.65 E	0.322	0.103	0.086	0.007	0.095	0.197	0.453	1.80 B	19
20	0.204B	0.195B	8.30 B	2.78 E	0.341	0.122	0.117	0.005	0.093	0.175	0.443	1.05 B	20
21	0.200B	0.198B	5.80 B	7.89 E	0.297	0.319	0.076	0.004	0.095	0.165	0.483	0.540B	21
22	0.196B	0.201B	5.05 B	3.31 E	0.283	0.965	0.046	0.003	0.073	0.156	0.894	0.450B	22
23	0.192B	0.198B	4.40 B	2.20 E	0.204	0.485	0.029	0.014	0.075	0.150	0.907	0.385B	23
24	0.189B	0.196B	3.70 B	1.74 E	0.230	0.355	0.019	0.027	0.105	0.141	1.47	0.360B	24
25	0.187B	0.195B	4.10 B	1.51 E	0.266	0.274	0.014	0.600	0.166	0.140	1.42	0.780B	25
26	0.186B	0.194B	11.3 B	1.22 A	0.247	0.344	0.013	2.06	0.138	0.138	0.977B	13.5 B	26
27	0.185B	0.193B	10.0 B	1.21 E	0.217	0.355	0.011	0.688	0.128	0.134	0.745B	7.60 B	27
28	0.184B	0.192B	8.60 B	1.08 E	0.187	0.238	0.011	0.289	0.159	0.130	0.600	3.35 E	28
29	0.183B		7.00 B	0.876	0.244	0.184	0.020	0.178	0.200	0.129	0.646	5.50 B	29
30	0.182B		7.45 B	0.756	0.219	0.152	0.032	0.122	0.153	0.132	1.36	3.40 B	30
31	0.181B		18.0 B		0.177		0.054	0.110		0.128		2.20 B	31
TOTAL	11.119	5.082	109.924	160.202	16.583	6.450	1.716	4.948	3.657	6.126	35.207	84.961	TOTAL
MEAN	0.359	0.182	3.55	5.34	0.535	0.215	0.055	0.160	0.122	0.198	1.17	2.74	MEAN
MAX	1.50	0.201	18.0	42.0	2.45	0.965	0.123	2.06	0.257	0.424	8.07	13.5	MAX
MIN	0.160	0.170	0.185	0.756	0.177	0.103	0.011	0.003	0.064	0.128	0.121	0.312	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.22
MAXIMUM DAILY, 42.0B ON APR 1
MINIMUM DAILY, 0.003 ON AUG 22

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 22 33 N
LONG 74 56 51 W
DRAINAGE AREA, 99.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	961	JUL	148
FEB	439	AUG	428
MAR	9 500	SEP	316
APR	13 800	OCT	529
MAY	1 430	NOV	3 040
JUN	557	DEC	7 340

TOTAL DISCHARGE, 38 500 dam³

WEST DUFFINS CREEK ABOVE GREEN RIVER - STATION NO. 02HC038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.560B	0.295B	0.260B	4.67	0.425	0.408	0.508	0.279	0.289	0.371	0.523	0.798	1
2	0.520B	0.290B	0.255B	2.23 B	0.412	0.401	0.404	0.273	0.294	0.349	1.40	0.678	2
3	0.740B	0.285B	0.250B	5.25	0.417	0.344	0.355	0.301	0.309	0.344	1.86	0.678	3
4	0.846B	0.275B	0.270B	2.55 B	0.377	0.323	0.334	0.307	0.280	0.339	2.73	1.03	4
5	0.740B	0.270B	0.300B	1.18 B	0.407	0.384	0.318	0.301	0.267	0.318	1.67	0.869	5
6	0.800B	0.280B	0.285B	1.03 B	0.402	1.11	0.295	0.293	0.262	0.307	0.831	1.41	6
7	0.400B	0.285B	0.270B	0.785B	0.403	0.648	0.300	0.275	0.268	0.672	0.648	0.769	7
8	0.370B	0.275B	0.260B	0.930B	0.604	0.468	0.298	0.262	0.263	1.02	0.581	0.614	8
9	0.325B	0.270B	0.250B	0.870B	0.567	0.380	0.278	0.340	0.264	0.485	0.511	0.500B	9
10	0.320B	0.265B	0.280B	0.964	0.424	0.369	0.268	0.352	0.256	0.406	0.474	0.490B	10
11	0.315B	0.260B	0.400B	1.12	0.394	0.441	0.265	0.287	0.253	0.395	0.494	0.460B	11
12	0.310B	0.255B	1.00 B	1.04	0.380	0.333	0.262	0.274	0.254	0.424	0.601	0.450B	12
13	0.305B	0.252B	2.85 B	1.02	0.364	0.338	0.249	0.263	0.259	0.395	0.567	0.440B	13
14	0.303B	0.250B	0.95 B	1.54	0.341	0.339	0.246	0.265	0.438	0.346	0.490	0.445B	14
15	0.300B	0.250B	3.00 B	1.34	0.331	0.406	0.244	0.260	0.417	0.459	0.472	0.450B	15
16	0.298B	0.255B	2.85 B	1.56	0.326	1.58	0.265	0.254	0.352	0.429	0.446	1.57	16
17	0.295B	0.260B	2.44 B	2.67	0.326	0.581	0.291	0.249	0.315	0.388	0.448	0.780B	17
18	0.292B	0.255B	1.95 B	1.77	0.321	0.421	1.18	0.238	0.630	0.370	0.433	0.680B	18
19	0.291B	0.275B	1.35	0.984	0.312	0.632	2.69	0.240	0.462	0.364	0.439	0.570B	19
20	0.290B	0.280B	1.77	2.04	0.326	0.697	0.536	0.256	0.339	0.423	0.442	0.520B	20
21	0.290B	0.295B	1.93	1.61	0.309	0.537	0.357	0.273	0.319	0.540	1.49	0.480B	21
22	0.290B	0.305B	1.79	0.820	0.308	0.512	0.307	0.260	0.330	0.422	1.19	0.465B	22
23	0.310B	0.320B	2.31	0.690	0.448	0.592	0.284	0.310	0.395	0.386	0.738	0.460B	23
24	0.305B	0.310B	2.64	0.731	0.503	0.414	0.267	0.407	0.412	0.370	1.53	0.880B	24
25	0.285B	0.300B	2.29	0.694	0.404	0.388	0.260	0.424	0.562	0.363	0.771	3.91	25
26	0.284B	0.290B	1.38 B	0.617	0.375	0.750	0.267	0.950	0.436	0.368	0.611	3.09	26
27	0.283B	0.280B	1.18 B	0.582	0.346	0.542	0.279	0.380	0.587	0.361	0.549	1.19	27
28	0.283B	0.270B	1.24 B	0.509	0.462	0.575	0.578	0.311	0.620	0.363	0.522	2.07	28
29	0.282B		1.55 B	0.477	0.503	4.22	0.464	0.300	0.453	0.364	1.20	1.32	29
30	0.281B		2.21	0.453	0.428	0.943	0.328	0.293	0.394	0.360	1.14	0.610B	30
31	0.280B		9.72		0.423		0.294	0.299		0.360		0.560B	31
TOTAL	11.788	7.752	53.480	43.526	12.368	20.036	13.271	9.776	10.979	12.861	25.801	29.236	TOTAL
MEAN	0.380	0.277	1.73	1.45	0.399	0.668	0.428	0.315	0.366	0.415	0.860	0.943	MEAN
MAX	0.846	0.320	9.72	5.25	0.604	4.22	2.69	0.950	0.630	1.02	2.73	3.91	MAX
MIN	0.280	0.250	0.250	0.453	0.308	0.323	0.244	0.238	0.253	0.307	0.433	0.440	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.687
MAXIMUM DAILY, 9.72 ON MAR 31
MINIMUM DAILY, 0.238 ON AUG 18
MAXIMUM INSTANTANEOUS,
17.2 AT 16:35 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 54 N
LONG 79 10 47 W
DRAINAGE AREA, 52.0 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 020	JUL	1 150
FEB	670	AUG	845
MAR	4 620	SEP	949
APR	3 760	OCT	1 110
MAY	1 070	NOV	2 230
JUN	1 730	DEC	2 530

TOTAL DISCHARGE, 21 700 dam³

WEST DUFFINS CREEK AT GREEN RIVER - STATION NO. 02HC026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.920B	0.480B	0.465B	12.6	0.808	0.768	0.921	0.529	0.447	0.654	1.09	1.69	1
2	0.840B	0.465B	0.465B	5.53 B	0.783	0.826	0.700	0.521	0.418	0.602	3.01	1.37	2
3	1.10 B	0.455B	0.470B	13.0	0.741	0.713	0.608	0.573	0.500	0.592	4.26	1.30	3
4	1.70 B	0.450B	0.510B	5.53 B	0.643	0.634	0.585	0.639	0.430	0.584	6.61	2.13	4
5	1.39 B	0.460B	0.530B	2.31 B	0.675	0.783	0.516	0.602	0.402	0.533	3.99	1.78	5
6	1.15 B	0.470B	0.510B	1.71 B	0.693	2.27	0.483	0.544	0.375	0.506	1.81	3.17	6
7	0.780B	0.480B	0.500B	1.45 B	0.701	1.34	0.504	0.522	0.382	1.27	1.30	1.64	7
8	0.660B	0.460B	0.500B	1.61 B	1.14	0.958	0.479	0.575	0.374	2.40	1.13	1.22	8
9	0.560B	0.445B	0.505B	1.65 B	1.09	0.718	0.523	0.779	0.365	1.03	0.974	0.980B	9
10	0.540B	0.440B	0.610B	2.22	0.801	0.700	0.411	0.606	0.333	0.783	0.917	1.07 B	10
11	0.530B	0.430B	0.700B	2.52	0.703	0.798	0.415	0.527	0.351	0.715	0.901	0.950B	11
12	0.520B	0.425B	1.35 B	2.40	0.655	0.586	0.402	0.458	0.345	0.724	1.13	0.945B	12
13	0.510B	0.420B	3.90 B	4.47	0.651	0.590	0.491	0.465	0.344	0.698	1.11	0.960B	13
14	0.505B	0.410B	7.00 B	3.57	0.625	0.581	0.493	0.457	0.784	0.630	0.939	0.950B	14
15	0.500B	0.405B	6.20 B	3.05	0.599	0.764	0.517	0.398	0.844	0.829	0.885	0.910B	15
16	0.500B	0.420B	5.60 B	3.20	0.546	3.23	0.586	0.368	0.618	0.805	0.824	3.00	16
17	0.500B	0.433B	5.40 B	6.47	0.525	1.07	0.689	0.369	0.517	0.690	0.820	1.60 B	17
18	0.495B	0.425B	5.40 B	3.93	0.536	0.725	2.55	0.365	1.23	0.650	0.823	1.40 B	18
19	0.490B	0.420B	5.40 B	2.04	0.542	1.07	7.42	0.365	0.834	0.640	0.827	1.19 B	19
20	0.485B	0.440B	5.20 B	4.35	0.647	1.28	1.44	0.486	0.601	0.750	0.810	0.985B	20
21	0.480B	0.460B	4.60 B	3.57	0.604	1.03	0.783	0.451	0.546	1.04	3.11	0.920B	21
22	0.480B	0.510B	4.00 B	1.78	0.559	0.993	0.586	0.442	0.551	0.831	2.54	0.910B	22
23	0.520B	0.530B	5.30 B	1.40	0.868	1.24	0.506	0.809	0.668	0.751	1.50	0.905B	23
24	0.500B	0.510B	6.31	1.47	0.963	0.749	0.445	0.880	0.665	0.731	3.48	2.17 B	24
25	0.480B	0.500B	5.55	1.37	0.801	0.687	0.408	2.33	1.08	0.728	1.62	9.36	25
26	0.480B	0.490B	2.90 B	1.24	0.710	1.58	0.394	1.14	0.803	0.718	1.23	7.15	26
27	0.480B	0.480B	2.00 B	1.15	0.660	1.03	0.433	0.658	1.15	0.704	1.03	2.16	27
28	0.485B	0.470B	2.05 B	0.990	0.836	1.16	1.32	0.543	1.27	0.701	0.957	4.12	28
29	0.480B		3.16 B	0.839	0.875	10.5	0.961	0.492	0.900	0.706	2.69	2.53	29
30	0.480B		5.37	0.806	0.799	1.83	0.687	0.471	0.735	0.695	2.59	1.25 B	30
31	0.480B		29.0		0.766		0.611	0.473		0.700		1.15 B	31
TOTAL	20.020	12.783	121.455	98.225	22.545	41.203	27.767	18.837	18.862	24.390	54.907	61.865	TOTAL
MEAN	0.646	0.457	3.92	3.27	0.727	1.37	0.896	0.608	0.629	0.787	1.83	2.00	MEAN
MAX	1.70	0.530	29.0	13.0	1.14	10.5	7.42	2.33	1.27	2.40	6.61	9.36	MAX
MIN	0.480	0.405	0.465	0.806	0.525	0.581	0.394	0.365	0.333	0.506	0.810	0.905	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.43
MAXIMUM DAILY, 29.0 ON MAR 31
MINIMUM DAILY, 0.333 ON SEP 10
MAXIMUM INSTANTANEOUS,
58.8 AT 16:46 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 08 N
LONG 79 11 05 W
DRAINAGE AREA, 98.1 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 730	JUL	2 400
FEB	1 100	AUG	1 630
MAR	10 500	SEP	1 630
APR	8 490	OCT	2 110
MAY	1 950	NOV	4 740
JUN	3 560	DEC	5 350

TOTAL DISCHARGE, 45 200 dam³

WEST DUFFINS CREEK NEAR ALTONA - STATION NO. 02HC041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.340B	0.185B	0.174B	1.82	0.261	---	---	---	---	---	---	---	1
2	0.250B	0.187B	0.170B	0.986	0.264	---	---	---	---	---	---	---	2
3	0.280B	0.190B	0.170B	2.01	0.260	---	---	---	---	---	---	---	3
4	0.320B	0.190B	0.180B	1.29	0.236	---	---	---	---	---	---	---	4
5	0.270B	0.190B	0.195B	0.440B	0.259	---	---	---	---	---	---	---	5
6	0.245B	0.185B	0.180B	0.370B	0.251	---	---	---	---	---	---	---	6
7	0.205B	0.180B	0.175B	0.340B	0.259A	---	---	---	---	---	---	---	7
8	0.200B	0.175B	0.160B	0.415B	---	---	---	---	---	---	---	---	8
9	0.196B	0.170B	0.156B	0.519	---	---	---	---	---	---	---	---	9
10	0.192B	0.165B	0.165B	0.561	---	---	---	---	---	---	---	---	10
11	0.191B	0.158B	0.175B	0.625	---	---	---	---	---	---	---	---	11
12	0.190B	0.155B	0.600B	0.596	---	---	---	---	---	---	---	---	12
13	0.190B	0.153B	1.20 B	0.881	---	---	---	---	---	---	---	---	13
14	0.190B	0.155B	2.50 B	0.780	---	---	---	---	---	---	---	---	14
15	0.190B	0.165B	0.614	0.782	---	---	---	---	---	---	---	---	15
16	0.190B	0.180B	0.379	0.879	---	---	---	---	---	---	---	---	16
17	0.188B	0.170B	0.428	1.31	---	---	---	---	---	---	---	---	17
18	0.188B	0.160B	0.415	0.814	---	---	---	---	---	---	---	---	18
19	0.188B	0.150B	0.382	0.526	---	---	---	---	---	---	---	---	19
20	0.188B	0.170B	0.432	0.847	---	---	---	---	---	---	---	---	20
21	0.188B	0.185B	0.484	0.721	---	---	---	---	---	---	---	---	21
22	0.185B	0.190B	0.467	0.449	---	---	---	---	---	---	---	---	22
23	0.200B	0.200B	0.506	0.368	---	---	---	---	---	---	---	---	23
24	0.195B	0.205B	0.529	0.485	---	---	---	---	---	---	---	---	24
25	0.190B	0.210B	0.541	0.428	---	---	---	---	---	---	---	---	25
26	0.190B	0.195B	0.419B	0.387	---	---	---	---	---	---	---	---	26
27	0.192B	0.185B	0.269B	0.359	---	---	---	---	---	---	---	---	27
28	0.196B	0.180B	0.333B	0.318	---	---	---	---	---	---	---	---	28
29	0.190B		0.354B	0.289	---	---	---	---	---	---	---	---	29
30	0.187B		0.499	0.268	---	---	---	---	---	---	---	---	30
31	0.185B		2.83		---		---	---		---		---	31
TOTAL	6.489	4.983	16.081	20.855	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.209	0.178	0.519	0.695	---	---	---	---	---	---	---	---	MEAN
MAX	0.340	0.210	2.83	2.01	---	---	---	---	---	---	---	---	MAX
MIN	0.185	0.150	0.156	0.268	---	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.83 ON MAR 31

REMARKS - GAUGE DISCONTINUED MAY 08

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 31 N
LONG 79 11 20 W
DRAINAGE AREA, 21.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	561	JUL	---
FEB	431	AUG	---
MAR	1 390	SEP	---
APR	1 80C	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

WEST NUMBER RIVER AT HIGHWAY NO. 7 - STATION NO. 02HC031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.650B	0.120B	0.130B	14.3 E	0.267	0.222	0.904	0.046	0.176	0.389	0.241	3.46	1
2	1.30 B	0.118B	0.118B	6.80 E	0.244	0.225	0.541	0.042	0.162	0.271	4.00	2.26	2
3	2.00 B	0.115B	0.105B	12.6 E	0.226	0.244	0.415	0.095	0.152	0.221	5.95	2.15	3
4	3.70 B	0.110B	0.115B	6.60 E	0.207	0.212	0.350	0.232	0.128	0.187	9.47 E	4.67	4
5	5.00 B	0.108B	0.150B	2.80 B	0.192	0.256	0.277	0.281	0.122	0.156	6.00 E	3.91	5
6	2.00 B	0.106B	0.120B	1.70 B	0.139	2.28	0.231	0.179	0.106	0.149	3.50 E	13.9	6
7	1.15 B	0.102B	0.100B	3.00 B	0.107	2.75	0.166	0.110	0.071	0.255	2.30 E	4.36	7
8	0.700B	0.100B	0.085B	1.80 B	0.173	1.57	0.128	0.114	0.045	1.69	1.50 E	2.39 B	8
9	0.440B	0.110B	0.075B	1.00 B	0.299	0.856	0.116	0.112	0.046	0.834	1.10 E	1.16 B	9
10	0.340B	0.103B	0.070B	1.15	0.278	0.555	0.118	0.099	0.045	0.451	0.880E	0.856B	10
11	0.260B	0.100B	0.064B	1.22	0.223	0.412	0.103	0.058	0.046	0.418	0.700E	0.576B	11
12	0.220B	0.098B	1.00 B	1.25	0.186	0.331	0.092	0.037	0.043	0.457	1.20 E	0.444B	12
13	0.200B	0.097B	3.00 B	1.67	0.165	0.799	0.062	0.038	0.045	0.417	0.900E	0.413B	13
14	0.170B	0.098B	14.0 B	1.93	0.131	1.39	0.048	0.038	0.061	0.328	0.600E	0.451	14
15	0.150B	0.100B	13.0 B	1.45	0.120	0.714	0.043	0.039	0.103	0.293	0.550E	0.465	15
16	0.140B	0.160B	11.5 B	1.39	0.118	9.34	0.044	0.038	0.116	0.278	0.509A	5.09	16
17	0.120B	0.220B	10.5 B	5.55	0.106	2.58	0.052	0.039	0.131	0.268	0.472	3.63 B	17
18	0.110B	0.150B	9.60 B	3.76	0.092	1.15	0.111	0.039	0.174	0.247E	0.425	2.35 B	18
19	0.100B	0.145B	14.5 B	1.80	0.077	4.80	0.141	0.042	0.194	0.234	0.396	1.02 B	19
20	0.100B	0.190B	22.0 E	3.84	0.083	5.53	0.110	0.196	0.169	0.231	0.395	0.740B	20
21	0.090B	0.220B	16.8 E	4.54	0.063	7.60	0.066	0.393	0.113	0.227	2.75	0.636B	21
22	0.100B	0.234B	18.5 E	1.77	0.046	3.99	0.052	0.202	0.124	0.212	4.50	0.596B	22
23	0.120B	0.238B	22.0 E	1.02	0.095	2.55	0.043	0.150	0.292	0.209	2.34	0.602	23
24	0.100B	0.220B	16.6 E	0.683	0.133	1.51	0.038	0.129	0.296	0.177E	8.98	4.38	24
25	0.070B	0.210B	13.0 E	0.585	0.157	0.861	0.038	1.55	0.330	0.155E	3.41	25.3	25
26	0.700B	0.190B	8.60 E	0.510	0.148	1.03	0.036	2.03	0.310	0.162E	1.65 B	15.7	26
27	0.060B	0.170B	5.80 E	0.478	0.123	1.28	0.037	0.697	0.570	0.169E	1.06 B	5.91	27
28	0.090B	0.150B	5.20 E	0.412	0.186	0.807	0.142	0.373	2.20	0.163	0.804B	7.52	28
29	0.110B		7.30 B	0.367	0.273	8.96	0.197	0.248	1.29	0.166	4.96	6.08 B	29
30	0.110B		11.2 E	0.306	0.255	2.19	0.132	0.234	0.578	0.157	6.54	2.19 B	30
31	0.120B		29.5 E		0.244		0.076	0.215		0.151		1.50 B	31
TOTAL	20.520	4.082	256.732	86.261	5.156	66.954	4.909	8.095	8.238	9.722	78.082	124.709	TOTAL
MEAN	0.662	0.146	8.22	2.88	0.166	2.23	0.158	0.261	0.275	0.314	2.60	4.02	MEAN
MAX	5.00	0.238	29.5	14.3	0.299	9.34	0.904	2.03	2.20	1.69	9.47	25.3	MAX
MIN	0.060	0.097	0.064	0.306	0.046	0.212	0.036	0.037	0.043	0.149	0.241	0.413	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.84
MAXIMUM DAILY, 29.5E ON MAR 31
MINIMUM DAILY, 0.036 ON JUL 26

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 45 30 N
LONG 79 40 41 W
DRAINAGE AREA, 148 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 770	JUL	424
FEB	353	AUG	699
MAR	22 000	SEP	712
APR	7 450	OCT	840
MAY	445	NOV	6 750
JUN	5 780	DEC	10 800

TOTAL DISCHARGE, 58 000 dam³

WEST NUMBER RIVER BELOW CLAIREVILLE DAM - STATION NO. 02HC034

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.250	0.116	0.127	27.2	0.342	0.001A	1.81	0.074	0.138	---	---	---	1
2	0.279	0.104	0.132	7.04	0.313	0.001E	0.316	0.057	0.138	---	---	---	2
3	0.238	0.125	0.114	12.5	0.096	0.001E	0.361	0.064	0.154	---	---	---	3
4	2.58	0.120	0.121	13.3	0.001	0.005E	0.322	0.120	0.105	---	---	---	4
5	3.96	0.110	0.118	2.38	0.001	0.150E	0.266	0.161	0.088	---	---	---	5
6	2.25	0.104	0.094	1.60	0	1.40 E	0.213	0.165	0.077	---	---	---	6
7	1.77	0.102	0.090	1.01	0	1.90 E	0.180	0.121	0.057	---	---	---	7
8	0.965	0.100	0.092	0.869	0.001	1.20 E	0.124	0.097	0.047	---	---	---	8
9	0.766	0.111	0.092	0.873	0	0.600E	0.083	0.111	0.039	---	---	---	9
10	0.488	0.101	0.086	0.907	0	0.370E	0.054	0.076	0.030	---	---	---	10
11	0.305	0.092	0.102	0.947	0	0.200E	0.046	0.048	0.023	---	---	---	11
12	0.210	0.091	0.174	0.969	0	0.020E	0.068	0.027	0.018	---	---	---	12
13	0.180B	0.089	6.65	1.17	0	0.030E	0.016	0.019	0.014	---	---	---	13
14	0.160B	0.091	24.6	1.47	0	1.10 E	0.011	0.021	0.039	---	---	---	14
15	0.140B	0.097	25.2	1.21	0	0.540E	0.012	0.016	0.140	---	---	---	15
16	0.130B	0.129	15.2	1.14	0	9.95 A	0.012	0.012	0.136	---	---	---	16
17	0.120B	0.155	15.4	4.32	0	4.33	0.032	0.024	0.091	---	---	---	17
18	0.110B	0.138	13.7	3.80	0	1.61	0.060	0.007	0.205	---	---	---	18
19	0.100B	0.136	14.1	1.71	0	1.95	0.077	0.010	0.236	---	---	---	19
20	0.101	0.142	23.6	2.87	0.001	6.63	0.081	0.082	0.277	---	---	---	20
21	0.095	0.163	18.5	5.10	0	6.63	0.073	0.178	0.242	---	---	---	21
22	0.092	0.167	14.0	1.86	0	6.06	0.064	0.226	0.260	---	---	---	22
23	0.119	0.174	22.5	1.09	0	2.77	0.048	0.195	0.450	---	---	---	23
24	0.098	0.169	25.2	0.819	0	1.67	0.027	0.146	0.132A	---	---	---	24
25	0.094	0.147	19.0	0.671	0	1.01	0.029	0.493	---	---	---	---	25
26	0.084	0.140	7.78	0.595	0.001	0.885	0.012	1.50	---	---	---	---	26
27	0.070	0.138	3.48	0.555	0.001	1.15	0.008	1.04	---	---	---	---	27
28	0.067	0.133	2.24	0.448	0.001	0.906	0.051	0.525	---	---	---	---	28
29	0.073		3.35	0.446	0.001	12.8	0.072	0.283	---	---	---	---	29
30	0.092		9.77	0.377	0.001	6.93	0.093	0.213	---	---	---	---	30
31	0.114		43.6		0.001		0.107	0.175		---	---	---	31
TOTAL	16.100	3.484	309.212	99.246	0.761	72.799	4.724	6.286	---	---	---	---	TOTAL
MEAN	0.519	0.124	9.97	3.31	0.025	2.43	0.152	0.203	---	---	---	---	MEAN
MAX	3.96	0.174	43.6	27.2	0.342	12.8	1.81	1.50	---	---	---	---	MAX
MIN	0.067	0.089	0.086	0.377	0	0.001	0.004	0.007	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON MAY 6

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 44 16 N
LONG 79 37 46 W
DRAINAGE AREA, 194 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1964

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 390	JUL	408
FEB	301	AUG	543
MAR	26 700	SEP	---
APR	8 570	OCT	---
MAY	65.8	NOV	---
JUN	6 290	DEC	---

REMARKS - GAUGE TEMPORARILY DISCONTINUED ON SEP 24 DUE TO CONSTRUCTION AT DAM

WEST MONTREAL RIVER AT MISTINIKON LAKE DAM - STATION NO. 02JD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.6	16.3	10.9	11.0	67.7	27.8	11.8	7.10	4.60	14.3	23.8	16.1	1
2	11.4	15.1	4.00	15.9	82.7	21.3	11.5	6.80	4.40	13.7	23.2	15.4	2
3	11.4	13.7	7.10	15.9	90.2	13.8	11.1	6.50	4.40	13.7	22.1	15.9	3
4	11.4	14.6	18.8	15.9	86.8	14.8	10.8	6.10	4.40	13.2	16.1	17.0	4
5	11.4	11.8	17.7	15.9	69.0	15.9	10.4	5.90	4.40	13.2	11.6	17.5	5
6	10.8	11.1	15.6	16.4	73.8	17.6	8.50	5.90	4.20	13.2	12.7	18.6	6
7	10.7	10.5	13.5	16.4	80.0	19.2	6.20	5.60	4.20	12.7	13.7	19.1	7
8	10.5	10.0	12.9	16.4	80.5	19.2	6.20	5.60	4.40	13.7	14.8	19.7	8
9	10.5	13.6	14.2	16.4	80.5	19.2	6.20	5.30	4.60	14.8	15.4	19.7	9
10	10.3	17.3	16.8	16.4	60.8	19.2	6.50	5.10	4.60	15.9	15.9	19.7	10
11	10.1	15.3	15.6	16.4	38.7	17.9	6.50	4.80	4.60	15.9	16.4	19.7	11
12	9.90	14.2	14.8	16.4	38.5	17.9	6.80	4.60	4.60	16.4	17.0	19.7	12
13	9.70	13.1	13.8	16.4	42.6	16.9	7.10	4.30	4.60	15.5	17.5	19.1	13
14	16.4	12.2	13.4	16.4	42.2	16.9	7.50	4.30	4.60	14.4	18.1	18.1	14
15	26.0	11.4	12.8	16.4	41.7	16.4	7.80	4.10	4.60	11.6	18.6	17.5	15
16	23.5	10.7	12.4	17.5	41.3	16.4	8.40	3.90	8.10	13.7	18.6	17.0	16
17	21.0	10.1	12.0	18.3	40.5	16.0	10.1	3.90	13.2	15.9	18.6	17.0	17
18	19.0	8.70	11.6	19.8	25.5	15.5	10.8	3.60	13.0	18.3	18.6	16.4	18
19	16.9	9.30	11.3	20.7	4.40	15.1	10.8	3.60	12.7	19.9	18.6	16.4	19
20	15.6	9.10	11.1	21.6	6.60	14.6	11.2	7.30	12.7	21.1	18.6	15.9	20
21	14.2	8.90	11.1	21.6	10.1	14.2	11.2	10.8	13.2	22.7	18.6	15.4	21
22	13.1	8.70	10.9	24.6	13.5	14.2	11.7	9.20	13.7	23.0	18.1	15.4	22
23	12.1	7.90	10.8	26.1	18.3	14.2	11.2	7.80	14.3	24.5	18.6	14.8	23
24	11.5	11.7	10.8	28.2	23.0	13.8	11.2	7.10	14.3	26.4	18.6	14.8	24
25	11.1	14.8	10.6	35.8	29.3	13.8	10.8	6.50	14.3	28.5	19.1	15.4	25
26	10.7	13.3	10.6	38.2	30.5	13.8	10.4	5.60	14.3	28.5	18.6	15.4	26
27	10.3	12.4	10.6	45.0	36.2	13.4	10.0	5.30	14.3	28.5	18.1	15.9	27
28	10.1	11.6	10.6	48.6	42.9	13.4	9.60	5.00	14.3	28.5	17.5	16.4	28
29	13.3		10.8	58.5	40.3	12.5	9.20	4.80	14.3	26.7	17.0	16.4	29
30	18.4		12.8	59.3	37.7	12.2	8.40	4.60	14.3	26.2	17.0	17.0	30
31	17.2		14.0		33.6		7.80	4.60		25.0		17.0	31
TOTAL	421.10	337.40	383.90	722.4	1 405.40	487.1	287.70	175.60	268.20	589.6	531.1	529.4	TOTAL
MEAN	13.6	12.1	12.4	24.1	45.3	16.2	9.28	5.66	8.94	19.0	17.7	17.1	MEAN
MAX	26.0	17.3	18.8	59.3	90.2	27.8	11.8	10.8	14.3	28.5	23.8	19.7	MAX
MIN	9.70	7.90	4.00	11.0	4.40	12.2	6.20	3.60	4.20	11.6	11.6	14.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.8
MAXIMUM DAILY, 90.2 ON MAY 3
MINIMUM DAILY, 3.60 ON AUG 18

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 02 25 N
LONG 80 42 14 W
DRAINAGE AREA, 1 780 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	36 400	JUL	24 900
FEB	29 200	AUG	15 200
MAR	33 200	SEP	23 200
APR	62 400	OCT	50 900
MAY	121 000	NOV	45 900
JUN	42 100	DEC	45 700

TOTAL DISCHARGE, 530 000 dam³

WHITE RIVER BELOW WHITE LAKE - STATION NO. 02BC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.4	20.2E	11.2E	11.2	52.7	131 E	50.3	78.5E	31.4	35.6E	137	119	1
2	26.3	19.9E	11.1E	11.6	67.7	125 E	49.3	76.5E	30.9	39.0E	140	117	2
3	26.1	19.3E	11.1E	13.1	83.8	119 E	48.4	75.0E	31.1	40.5E	141	114	3
4	26.2	18.9E	11.0E	13.3	102	114 E	46.6	73.0E	29.0	42.0E	142	115	4
5	25.9	18.3E	10.8	13.3	122	108 E	46.0E	71.0E	29.9	43.1E	140	115	5
6	25.9	17.9E	10.8	13.3	144	102 E	47.5E	69.5E	29.0	45.2	136	114	6
7	25.7	17.2E	10.8	13.2	167	97.0E	54.0E	67.5E	27.9	48.1	134	113	7
8	25.7	16.8E	10.7	13.2	189	82.0E	68.0E	65.5E	26.6	51.7	132	110	8
9	25.6	16.3E	10.7	13.3	208	60.5E	78.0E	63.5E	26.3	55.6	129	106	9
10	25.3	15.9E	10.6	13.4	223	60.0E	90.0E	62.0E	26.1	59.8	125	104	10
11	25.4	15.4E	10.7	13.5	232	60.0E	98.0E	60.0E	26.0	63.9	122	102	11
12	25.3	15.0E	10.7	13.6	238	59.5E	105 E	59.0E	25.4	71.9	125	99.1	12
13	25.2	14.8E	10.6	13.7	239	59.5E	109 E	57.0E	25.4	92.3	119	96.4	13
14	25.1	14.5E	10.7	13.8	239	59.0E	110 E	55.5E	26.6	106	115	94.9	14
15	24.8	14.1E	10.7	13.8	237	59.0E	109 E	54.0E	25.9	109	112	92.2	15
16	24.7	13.8E	10.8	14.3	233	58.5E	107 E	52.0E	25.4	110	109	90.1	16
17	24.5	13.6E	10.8	14.9	228	58.5E	105 E	50.5E	25.9	109	108	87.5	17
18	24.4	13.3E	10.9	15.2	221	58.0E	104 E	49.5E	26.4	109	105	86.0	18
19	24.4	13.1E	10.9	15.5	215 E	58.0E	103 E	48.0E	27.3	112	103	84.3	19
20	24.3	12.9E	10.8	15.8	208 E	57.8E	101 E	46.5E	29.3	116	102	82.8	20
21	24.1	12.7E	10.7	16.0	200 E	57.6E	99.5E	45.0E	28.8	114	101	80.4	21
22	23.9E	12.5E	10.7	16.3	192 E	57.4E	97.0E	44.0E	29.3	113	109	79.0	22
23	23.8E	12.3E	10.7	16.9	187 E	57.1E	95.5E	42.5E	30.6	114	116	77.0	23
24	23.6E	12.0E	10.7	18.0	179 E	56.8	93.0E	41.0E	31.5E	114	120	74.7	24
25	23.2E	11.8E	10.9	19.7	173 E	56.7	91.0E	39.8E	31.9E	117	124	73.4	25
26	22.9E	11.6E	10.9	21.9	167 E	55.3	89.5E	38.4	32.0E	118	125	72.2	26
27	22.5E	11.4E	10.8	24.2	160 E	54.6	87.5E	37.2	32.2E	118	125	70.8	27
28	22.1E	11.3E	10.7	27.5	154 E	53.7	86.0E	35.6	32.8E	121	124	70.5	28
29	21.7E		10.7	33.1	149 E	53.1	84.5E	34.4	33.2E	123	123	69.2	29
30	21.2E		10.8	41.1	142 E	52.1	82.5E	33.5	34.0E	128	121	67.9	30
31	20.8E		10.9		137 E		80.5E	32.6		132		66.7	31
TOTAL	757.0	416.8	334.9	507.7	5 489.2	2 140.7	2 615.6	1 658.0	868.1	2 771.7	3 664	2 844.1	TOTAL
MEAN	24.4	14.9	10.8	16.9	177	71.4	84.4	53.5	28.9	89.4	122	91.7	MEAN
MAX	26.4	20.2	11.2	41.1	239	131	110	78.5	34.0	132	142	119	MAX
MIN	20.8	11.3	10.6	11.2	52.7	52.1	46.0	32.6	25.4	35.6	101	66.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 65.9
MAXIMUM DAILY, 239 ON MAY 13
MINIMUM DAILY, 10.6 ON MAR 10
MAXIMUM INSTANTANEOUS,
240 AT 05:11 EST ON MAY 14

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 39 19 N
LONG 85 44 32 W
DRAINAGE AREA, 4 170 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	65 400	JUL	226 000
FEB	36 000	AUG	143 000
MAR	28 900	SEP	75 000
APR	43 900	OCT	239 000
MAY	474 000	NOV	317 000
JUN	185 000	DEC	246 000

TOTAL DISCHARGE, 2 080 000 dam³

WHITEFISH RIVER AT HOLALU - STATION NO. 02AB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.176B	0.129B	0.134B	0.390B	9.41	1.96 E	0.637	1.09	0.725	1.04	2.83	3.58 B	1
2	0.173B	0.128B	0.133B	0.680B	8.32	1.90 E	0.569	1.02	0.974	1.01	2.66	3.95 B	2
3	0.170B	0.128B	0.132B	1.15 B	7.29	1.84 E	1.97	1.09	1.00	1.60	2.61	5.00 B	3
4	0.167B	0.127B	0.131B	2.20 B	6.54	1.69 E	4.08	1.13	0.861	1.43	3.57	5.23 B	4
5	0.164B	0.127B	0.131B	2.58 B	6.57	1.49 E	3.25	1.01	0.725	1.28	3.79	4.80 B	5
6	0.162B	0.126B	0.130B	2.82 B	6.50	1.36 E	13.1	0.913	0.630	7.97	3.21	4.00 B	6
7	0.160B	0.125B	0.130B	3.00 B	6.22	1.26 E	23.6 E	1.10	0.581	17.6	3.03	3.30 B	7
8	0.158B	0.124B	0.130B	2.99 B	5.19	1.20 E	16.1	1.14	0.560	10.6	2.92	2.72 B	8
9	0.156B	0.123B	0.130B	2.89 B	4.41	1.17 E	11.2	1.15	0.556	8.02	2.71	2.35 B	9
10	0.154B	0.123B	0.130B	2.78 B	6.23	1.56 E	8.05	1.08	0.512	19.3	2.65	2.05 B	10
11	0.152B	0.122B	0.131B	2.70 B	9.32	1.55	5.92	0.945	0.492	16.3	2.53	1.80 B	11
12	0.151B	0.121B	0.135B	2.64 B	8.84	1.45	4.30	0.842	0.755	15.7	2.49	1.60 B	12
13	0.150B	0.121B	0.141B	2.58 B	8.69	1.28	4.03	0.755	3.58	13.9	2.16	1.45 B	13
14	0.149B	0.120B	0.146B	2.57 B	11.6	1.27	13.6	0.727	1.84	10.7	2.62	1.31 B	14
15	0.148B	0.120B	0.148B	2.57 B	10.0 E	1.47	10.5	0.679	1.29	8.26	3.18	1.20 B	15
16	0.147B	0.120B	0.148B	2.59 B	8.21E	1.36	9.50	0.633	1.02	6.30	3.77	1.09 B	16
17	0.145B	0.121B	0.147B	2.60 B	7.19E	1.20	9.13	0.576	1.17	4.97	3.48	1.01 B	17
18	0.144B	0.122B	0.146B	2.65 B	7.94E	1.10	6.56	0.557	1.42	4.80	3.38	0.950B	18
19	0.142B	0.127B	0.148B	2.75 B	8.46E	1.08	4.30	0.770	1.32	6.11	2.26	0.900B	19
20	0.141B	0.131B	0.150B	2.90 B	7.84E	1.01	3.14	0.730	1.34	5.31	22.5 E	0.855B	20
21	0.140B	0.138B	0.158B	3.48 B	6.77E	1.08	2.54	0.604	1.16	4.47	20.6 E	0.820B	21
22	0.139B	0.140B	0.161B	6.40 B	5.49E	1.11	2.16	0.867	1.00	3.82	17.2	0.790B	22
23	0.138B	0.140B	0.161B	13.0 B	4.56E	0.992	1.85	1.05	0.930	3.34	14.2	0.760B	23
24	0.137B	0.140B	0.160B	26.3	3.97E	0.932	1.60	0.872	1.21	3.10	11.3	0.735B	24
25	0.136B	0.139B	0.159B	30.4	3.49E	0.904	1.48	0.746	1.20	2.88	9.30	0.710B	25
26	0.136B	0.138B	0.159B	27.3	3.13E	0.834	1.38	0.730	0.990	2.68	7.50B	0.695B	26
27	0.135B	0.137B	0.159B	20.6	2.86E	0.760	1.34	0.704	0.868	2.52	6.20B	0.675B	27
28	0.134B	0.136B	0.161B	15.8	2.65E	0.756	1.59	0.630	0.858	2.35	5.15B	0.655B	28
29	0.132B		0.168B	13.0	2.52E	0.736	1.36	0.597	0.986	3.11	4.35B	0.640B	29
30	0.131B		0.181B	11.0	2.36E	0.682	1.29	0.619	1.07	3.78	3.75B	0.625B	30
31	0.130B		0.223B		2.06E		1.18	0.618		3.20		0.610B	31
TOTAL	4.597	3.593	4.601	215.310	194.63	36.986	171.306	25.974	31.603	197.45	177.90	56.880	TOTAL
MEAN	0.148	0.128	0.148	7.18	6.28	1.23	5.53	0.838	1.05	6.37	5.93	1.83	MEAN
MAX	0.176	0.140	0.223	30.4	11.6	1.96	23.6	1.15	3.58	19.3	22.5	5.25	MAX
MIN	0.130	0.120	0.130	0.390	2.06	0.682	0.569	0.557	0.492	1.01	2.16	0.610	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.07
MAXIMUM DAILY, 30.4 ON APR 25
MINIMUM DAILY, 0.120B ON FEB 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 17 30 N
LONG 89 48 33 W
DRAINAGE AREA, 210 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	397	JUL	14 800
FEB	310	AUG	2 240
MAR	398	SEP	2 730
APR	18 600	OCT	17 100
MAY	16 800	NOV	15 400
JUN	3 200	DEC	4 910

TOTAL DISCHARGE, 96 900 dam³

WHITEMANS CREEK NEAR MOUNT VERNON - STATION NO. 02GB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.15B	1.75B	1.77B	74.7	4.08	10.6	6.01	0.922	2.07	6.40	1.78	11.2	1
2	2.22	1.74B	1.78B	63.8	3.85	8.88	5.45	0.981	1.92	4.89	2.64	11.5	2
3	2.70	1.73B	1.62B	41.3	3.69	7.28	4.21	1.12	2.14	4.10	3.80	9.99	3
4	3.81	1.72B	1.81	38.6	3.48	5.91	3.67	1.25	2.68	3.64	5.30	[illegible]	4
5	4.45	1.72B	1.91	31.0	3.29	5.45	3.36	1.39	2.75	3.33	7.36	[illegible]	5
6	6.06	1.71B	1.72B	21.9	3.15	9.87	3.06	1.53	2.47	3.00	8.47	15.4	6
7	6.38	1.70B	1.65B	16.6	3.00	13.3	2.73	1.28	2.07	2.76	7.72	23.9	7
8	3.80B	1.70B	1.61B	15.4	3.49	12.6	2.41	1.24	1.75	2.76	5.99	23.8	8
9	2.50B	1.70B	1.58B	14.7	3.83	10.5	2.17	2.04	1.59	2.73	4.81	[illegible]	9
10	2.20B	1.70B	1.61	14.5	3.59	8.47	1.93	2.29	1.49	2.75	4.20	[illegible]	10
11	2.18B	1.70B	1.87	14.5	3.26	7.30	1.79	1.7[illegible]	1.40	2.79	4.09	9.37	11
12	2.15B	1.69B	2.16	14.1	3.07	5.40	1.66	1.38	1.29	2.79	4.91	7.71	12
13	2.10B	1.68B	4.57	14.0	2.89	4.82	1.53	1.21	1.20	2.98	6.61	6.20	13
14	2.30B	1.67B	9.28	15.3	2.71	4.84	1.32	1.16	1.15	2.87	8.51	5.71	14
15	2.53B	1.72B	16.1	16.0	2.58	4.62	1.12	1.08	1.11	2.70	9.44	5.40	15
16	2.35B	1.78B	20.5	14.7	2.43	5.54	1.03	[illegible]	1.50	2.54	7.76	7.49	16
17	2.22B	1.77B	21.6	14.9	2.31	5.86	0.965	0.936	2.27	2.47	5.89	9.53	17
18	2.10B	1.76B	24.1	17.4	2.22	4.91	1.22	0.886	2.25	2.34	4.95	10.5	18
19	2.00B	1.75B	23.5	17.2	2.19	4.41	1.38	0.846	1.95	2.24	4.39	10.4	19
20	1.92B	1.72B	23.0	14.3	2.39	4.49	1.69	0.888	2.07	2.15	4.18	8.12	20
21	1.86B	1.71B	24.7	13.1	2.91	5.19	1.62	0.865	2.04	2.08	5.08	6.58	21
22	1.81B	1.69B	23.8	13.1	3.10	5.59	1.29	0.866	1.89	2.08	8.43	5.61	22
23	1.77B	1.76B	26.2	11.7	3.03	4.91	1.08	0.919	2.29	2.04	11.9	5.21	23
24	1.90B	1.72B	31.6	9.52	2.98	4.12	0.935	0.902	2.87	1.97	13.0	6.08	24
25	1.84B	1.72B	32.8	7.88	2.85	3.68	0.912	4.40	3.96	1.91	12.9	12.1	25
26	1.80B	1.72B	29.0	6.76	2.61	3.42	0.839	6.49	4.55	1.87	13.0	34.0	26
27	1.80B	1.74B	23.5	5.92	2.71	3.25	0.702	5.65	5.54	1.80	10.2	39.4	27
28	1.89B	1.75B	17.8	5.12	7.42	3.08	0.967	4.46	6.99	1.74	7.79	29.0	28
29	1.83B		15.1	4.67	12.7	3.59	1.12	3.53	7.63	1.71	7.30	22.3	29
30	1.79B		14.5	4.37	13.7	4.67	1.09	2.86	8.32	1.69	8.81	19.0	30
31	1.76B		38.5		13.1		1.05	2.38		1.67		14.3	31
TOTAL	78.17	48.22	441.24	567.04	128.61	186.55	60.310	58.471	83.20	82.79	211.21	416.51	TOTAL
MEAN	2.52	1.72	14.2	18.9	4.15	6.22	1.95	1.89	2.77	2.67	7.04	13.4	MEAN
MAX	6.38	1.78	38.5	74.7	13.7	13.3	6.01	6.49	8.32	6.40	13.0	39.4	MAX
MIN	1.76	1.67	1.58	4.37	2.19	3.08	0.702	0.846	1.11	1.67	1.78	5.21	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.47
MAXIMUM DAILY, 74.7 ON APR 1
MINIMUM DAILY, 0.702 ON JUL 27
MAXIMUM INSTANTANEOUS,
84.9 AT 15:39 EST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 33 N
LONG 80 23 05 W
DRAINAGE AREA, 383 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 750	JUL	5 210
FEB	4 170	AUG	5 050
MAR	38 100	SEP	7 190
APR	49 000	OCT	7 150
MAY	11 100	NOV	18 200
JUN	16 100	DEC	36 000

TOTAL DISCHARGE, 204 000 dam³

WHITSON RIVER AT CHELMSFORD - STATION NO. 02CF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.810B	0.655B	0.610B	2.50B	9.74	2.13	0.929	0.607	0.605	1.02	1.85	3.26	1
2	0.810B	0.650B	0.610B	2.90B	8.05	2.35	0.914	0.590	0.577	0.998	1.87	3.52	2
3	0.810B	0.650B	0.610B	3.40B	6.92	2.47	0.890	0.697	0.635	0.991	1.91	5.09	3
4	0.820B	0.645B	0.605B	4.20B	6.06	2.43	0.875	0.723	0.652	0.963	1.96	5.72	4
5	0.850B	0.640B	0.605B	5.40B	5.19	2.21	0.845	0.755	0.712	0.961	1.96	6.08	5
6	0.900B	0.640B	0.600B	6.40B	4.75	2.07	0.828	0.712	0.751	1.02	1.92	8.00	6
7	0.850B	0.640B	0.600B	6.90B	4.51	1.94	0.830	0.652	0.743	2.15	1.83	7.69	7
8	0.810B	0.640B	0.600B	7.10B	4.42	1.88	0.834	0.640	0.753	3.20	1.76	5.80B	8
9	0.780B	0.640B	0.600B	6.50B	4.21	1.77	0.796	0.583	0.890	3.93	1.70	5.00B	9
10	0.760B	0.640B	0.600B	6.00B	3.84	1.78	0.789	0.525	0.804	4.69	1.62	4.40B	10
11	0.750B	0.640B	0.610B	5.70B	3.68	1.89	0.880	0.507	0.717	4.85	1.63	3.90B	11
12	0.738B	0.640B	0.630B	6.10B	3.63	1.82	0.827	0.492	0.655	4.33	2.63	3.50B	12
13	0.730B	0.640B	0.700B	9.13	3.56	1.75	0.799	0.500	0.646	3.87	3.90	3.20B	13
14	0.720B	0.635B	0.900B	14.3 E	3.37	1.68	0.799	0.489	0.702	3.71	3.95B	3.00B	14
15	0.710B	0.633B	1.08 B	19.5 E	3.07	1.59	0.785	0.483	0.703	3.28	3.90B	2.95B	15
16	0.700B	0.630B	1.20 B	24.2 E	2.79	1.45	0.781	0.460	0.696	3.12	3.80B	2.90B	16
17	0.700B	0.625B	1.04 B	31.5 E	2.60	1.39	0.761	0.444	0.876	2.87	3.80B	2.60B	17
18	0.695B	0.625B	1.00 B	40.0	2.59	1.31	0.757	0.449	0.971	2.66	3.75B	2.30B	18
19	0.690B	0.625B	1.00 B	42.1	2.58	1.28	0.731	0.515	0.913	2.45	3.72	2.25B	19
20	0.690B	0.620B	1.02 B	38.6	2.54	1.28	0.709	0.467	1.05	2.51	4.12	2.20B	20
21	0.685B	0.620B	1.06 B	29.7	2.42	1.26	0.687	0.447	1.05	2.80	5.58	2.10B	21
22	0.680B	0.620B	1.08 B	21.4	2.18	1.25	0.661	0.508	1.17	2.96	5.72	2.05B	22
23	0.680B	0.620B	1.08 B	19.2	2.06	1.19	0.632	0.506	1.20	2.90	5.66	2.00B	23
24	0.675B	0.620B	1.07 B	20.8	1.96	1.17	0.620	0.487	1.21	2.75	5.46	2.10B	24
25	0.670B	0.620B	1.06 B	22.5	1.90	1.11	0.624	0.489	1.34	2.50	4.90B	3.40B	25
26	0.665B	0.620B	1.02 B	22.6	1.84	1.06	0.611	0.453	1.31	2.29	4.50B	5.00B	26
27	0.660B	0.620B	0.980B	20.1	1.73	1.03	0.612	0.540	1.33	2.17	4.10B	5.80B	27
28	0.660B	0.620B	0.980B	16.8	1.61	1.01	0.622	0.499	1.23	2.07	3.75B	7.00B	28
29	0.660B		0.980B	14.0	1.57	0.970	0.613	0.492	1.15	2.03	3.45B	9.81	29
30	0.660B		1.10 B	11.7	1.56	0.945	0.635	0.486	1.07	1.98	3.25B	7.70B	30
31	0.655B		1.80 B		1.60		0.640	0.479		1.92		6.70B	31
TOTAL	22.673	17.713	27.430	481.23	108.53	47.465	23.316	16.676	27.111	79.943	99.95	137.02	TOTAL
MEAN	0.731	0.633	0.885	16.0	3.50	1.58	0.752	0.538	0.904	2.58	3.33	4.42	MEAN
MAX	0.900	0.655	1.80	42.1	9.74	2.47	0.929	0.755	1.34	4.85	5.72	9.81	MAX
MIN	0.655	0.620	0.600	2.50	1.56	0.945	0.611	0.444	0.577	0.961	1.62	2.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.98
MAXIMUM DAILY, 42.1 ON APR 19
MINIMUM DAILY, 0.444 ON AUG 17
MAXIMUM INSTANTANEOUS,
42.5 AT 08:31 EST ON APR 19

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 34 05 N
LONG 81 12 45 W
DRAINAGE AREA, 272 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 960	JUL	2 010
FEB	1 530	AUG	1 440
MAR	2 370	SEP	2 340
APR	41 600	OCT	6 910
MAY	9 380	NOV	8 640
JUN	4 100	DEC	11 800

TOTAL DISCHARGE, 94 100 dam³

WHITSON RIVER AT VAL CARON - STATION NO. 02CF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.590B	0.450B	0.405B	1.75B	5.07	1.49	0.302	0.247	0.205	0.638	0.995	1.68	1
2	0.580B	0.450B	0.400B	2.15B	4.39	1.76	0.321	0.461	0.346	0.591	1.02	1.89	2
3	0.580B	0.445B	0.400B	2.55B	3.72	1.71	0.296	0.438	0.392	0.580	1.10	2.75	3
4	0.590B	0.445B	0.400B	3.15B	2.96	1.62	0.287	0.444	0.430	0.592	1.10	3.39	4
5	0.610B	0.440B	0.400B	4.00B	2.38	1.48	0.260	0.378	0.434	0.569	1.07	3.87	5
6	0.650B	0.440B	0.400B	4.80B	2.15	1.35	0.300	0.276	0.528	0.533	1.04	4.33	6
7	0.620B	0.440B	0.400B	4.85B	2.04	1.24	0.304	0.337	0.533	0.836	0.990	4.30B	7
8	0.600B	0.440B	0.400B	4.20B	2.06	1.19	0.270	0.169	0.755	1.60	0.982	3.70B	8
9	0.570B	0.440B	0.400B	3.60B	1.93	1.16	0.247	0.150	0.565	2.50	0.973	3.05B	9
10	0.550B	0.440B	0.400B	3.42	1.77	1.41	0.239	0.148	0.378	3.11	0.948	2.60B	10
11	0.534B	0.440B	0.405B	3.85	1.67	1.35	0.266	0.149	0.295	2.73	0.931	2.20B	11
12	0.520B	0.440B	0.430B	4.43	1.63	1.29	0.296	0.143	0.279	2.19	1.22	1.90B	12
13	0.515B	0.440B	0.500B	5.61	1.61	1.21	0.287	0.130	0.330	2.04	1.92	1.74	13
14	0.505B	0.440B	0.640B	7.50	1.47	1.15	0.273	0.128	0.314	1.74	2.45 B	1.62	14
15	0.500B	0.440B	0.860B	11.8	1.33	0.854	0.260	0.116	0.305	1.60	2.85 B	1.55	15
16	0.495B	0.435B	0.770B	20.0	1.23	0.856	0.250	0.148	0.667	1.48	2.72	1.45B	16
17	0.490B	0.435B	0.760B	24.6	1.20	0.767	0.236	0.252	0.569	1.39	2.29	1.32B	17
18	0.480B	0.430B	0.760B	26.3	1.20	0.686	0.228	0.204	0.618	1.37	2.06	1.25	18
19	0.475B	0.425B	0.770B	23.8	1.29	0.648	0.225	0.130	0.641	1.23	1.98	1.22	19
20	0.470B	0.425B	0.780B	18.0	1.28	0.691	0.215	0.124	0.678	1.20	2.23	1.20	20
21	0.470B	0.420B	0.800B	13.4	1.18	0.692	0.207	0.116	0.886	1.36	2.85	1.13	21
22	0.465B	0.420B	0.820B	10.5	1.08	0.649	0.189	0.143	0.928	1.43	3.34	1.09B	22
23	0.460B	0.420B	0.820B	9.47	0.996	0.631	0.162	0.220	0.852	1.46	3.62	1.07	23
24	0.460B	0.420B	0.820B	9.79	0.964	0.551	0.167	0.194	0.763	1.39	3.36	1.10	24
25	0.460B	0.415B	0.820B	10.7	0.938	0.506	0.158	0.159	0.808	1.28	2.86	1.46	25
26	0.455B	0.415B	0.820B	10.4	0.864	0.478	0.144	0.141	0.846	1.22	2.25 B	2.20B	26
27	0.450B	0.410B	0.780B	9.25	0.814	0.442	0.160	0.218	0.818	1.17	2.08 B	2.89	27
28	0.450B	0.410B	0.750B	8.03	0.774	0.400	0.205	0.245	0.782	1.11	1.89	3.71	28
29	0.450B		0.760B	6.88	0.767	0.364	0.224	0.241	0.729	1.07	1.79	4.40B	29
30	0.450B		0.840B	5.92	0.815	0.366	0.195	0.151	0.662	1.04	1.69	4.20B	30
31	0.450B		1.20 B		1.34		0.187	0.154		1.03		3.80B	31
TOTAL	15.944	12.110	19.910	274.70	52.912	28.991	7.358	6.564	17.336	42.079	56.599	78.06	TOTAL
MEAN	0.514	0.433	0.642	9.16	1.71	0.966	0.237	0.212	0.578	1.36	1.89	2.39	MEAN
MAX	0.650	0.450	1.20	26.3	5.07	1.76	0.321	0.461	0.928	3.11	3.62	4.40	MAX
MIN	0.450	0.410	0.400	1.75	0.767	0.364	0.144	0.116	0.205	0.533	0.931	1.07	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.67
MAXIMUM DAILY, 26.3 ON APR 18
MINIMUM DAILY, 0.116 ON AUG 15
MAXIMUM INSTANTANEOUS,
27.6 AT 19:03 EST ON APR 18

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 37 20 N
LONG 81 08 30 W
DRAINAGE AREA, 155 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 380	JUL	636
FEB	1 050	AUG	567
MAR	1 720	SEP	1 500
APR	23 700	OCT	3 640
MAY	4 570	NOV	4 890
JUN	2 500	DEC	6 400

TOTAL DISCHARGE, 52 600 dam³

WILLOW CREEK ABOVE LITTLE LAKE - STATION NO. 02ED009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.431	0.380B	0.312B	16.5	0.506	0.344	0.233	0.077	0.136	0.242	0.247	2.02	1
2	0.423	0.381B	0.311B	9.98	0.402	0.355	0.188	0.138	0.116	0.228	1.30	1.90	2
3	0.411	0.379B	0.310B	10.5	0.342	0.296A	0.175	0.258	0.157	0.205	1.93	4.80	3
4	0.526	0.374B	0.310B	10.7 E	0.308	0.202	0.144	0.182	0.143	0.221	1.92	3.54	4
5	0.763	0.370B	0.310B	8.20 E	0.262	0.189	0.128	0.117	0.120	0.177	1.91	2.61	5
6	0.794	0.365B	0.309B	6.22 E	0.256	0.313	0.093	0.093	0.093	0.144	1.30	7.07	6
7	0.728	0.360B	0.308B	4.41 A	0.251	0.310	0.085	0.083	0.078	0.139	0.975	3.48	7
8	0.659	0.355B	0.306B	3.05	0.306	0.271	0.088	0.066	0.074	0.196	0.785	2.29	8
9	0.640B	0.352B	0.305B	2.99	0.332	0.217	0.063	0.071	0.068	0.216	0.608	1.68 B	9
10	0.610B	0.348B	0.305B	3.93	0.267	0.191	0.053	0.067	0.069	0.187	0.512	1.33 B	10
11	0.580B	0.345B	0.304B	4.40	0.210	0.311	0.058	0.056	0.058	0.196	0.661	1.06 B	11
12	0.555B	0.340B	0.450B	4.72	0.182	0.231	0.072	0.051	0.057	0.182	0.941	0.836B	12
13	0.530B	0.338B	0.800B	7.08	0.165	1.21	0.065	0.046	0.064	0.161	1.01	0.654B	13
14	0.510B	0.336B	1.03 B	6.71	0.150	0.887	0.053	0.047	0.127	0.169	0.755	0.578	14
15	0.490B	0.335B	1.18 B	6.94	0.145	1.15	0.049	0.041	0.156	0.606	0.649	0.653	15
16	0.470B	0.332B	1.15 B	7.42	0.160	6.14	0.044	0.034	0.178	0.818	0.557	4.57	16
17	0.460B	0.330B	1.15 B	11.3	0.139	2.05	0.048	0.029	0.134	0.554	0.546	3.54	17
18	0.455B	0.328B	1.23 B	6.98	0.115	1.19	0.097	0.027	0.746	0.409	0.534	2.17	18
19	0.435B	0.325B	1.30 B	4.16	0.121	1.99	0.130	0.028	0.609	0.384	0.499	1.37	19
20	0.420B	0.322B	1.32 B	4.91	0.188	2.10	0.075	0.031	0.488	0.321	0.537	1.00	20
21	0.405B	0.321B	1.42 B	5.34	0.163	3.90	0.052	0.044	0.336	0.364	1.52	0.839	21
22	0.400B	0.321B	1.44 B	3.06	0.121	1.99	0.039	0.049	0.241	0.341	1.43	0.737	22
23	0.440B	0.320B	1.68 B	2.24	0.175	1.50	0.033	0.107	0.191	0.296	1.14	0.714	23
24	0.440B	0.320B	1.98 B	1.87	0.316	1.00	0.029	0.085	0.170	0.267	2.47	1.60	24
25	0.405B	0.320B	2.00 B	1.51	0.257	0.747	0.025	0.913	0.238	0.227	1.64	8.89	25
26	0.390B	0.318B	2.10 B	1.27	0.215	0.703	0.024	0.565	0.265	0.244	1.16	8.38	26
27	0.370B	0.316B	2.02 B	1.55	0.180	0.522	0.023	0.344	0.288	0.214	0.818	3.35	27
28	0.350B	0.315B	1.83 B	1.06	0.351	0.441	0.117	0.254	0.513	0.210	0.654B	2.81	28
29	0.340B		1.55 B	0.770	0.540	0.384	0.092	0.191	0.356	0.191	2.69	2.55	29
30	0.340B		1.85 B	0.618	0.382	0.298	0.059	0.152	0.295	0.183	3.17	1.92 B	30
31	0.360B		7.63		0.395		0.076	0.141		0.204		1.47 B	31
TOTAL	15.130	9.546	38.500	160.388	7.902	31.432	2.500	4.387	6.564	8.496	34.868	80.411	TOTAL
MEAN	0.488	0.341	1.24	5.35	0.255	1.05	0.081	0.142	0.219	0.274	1.16	2.59	MEAN
MAX	0.794	0.381	7.63	16.5	0.540	6.14	0.233	0.913	0.746	0.818	3.17	8.89	MAX
MIN	0.340	0.315	0.304	0.618	0.115	0.189	0.023	0.027	0.057	0.139	0.247	0.578	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.10
MAXIMUM DAILY, 16.5 ON APR 1
MINIMUM DAILY, 0.023 ON JUL 27
MAXIMUM INSTANTANEOUS,
20.6 AT 03:21 EST ON APR 1

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 25 29 N
LONG 79 38 39 W
DRAINAGE AREA, 94.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 310	JUL	216
FEB	825	AUG	379
MAR	3 330	SEP	567
APR	13 900	OCT	734
MAY	683	NOV	3 010
JUN	2 720	DEC	6 950

TOTAL DISCHARGE, 34 600 dam³

WILLOW CREEK AT MIDHURST - STATION NO. 02ED010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.583	0.442B	0.395B	6.13	2.01	0.449	0.939	0.261	0.238	0.403	0.573	2.51	1
2	0.553	0.460B	0.390B	9.48	1.75	0.444	0.795	0.283	0.253	0.403	0.812	2.58	2
3	0.574	0.458B	0.385B	11.3	1.54	0.426	0.676	0.292	0.198	0.407	1.04	3.00	3
4	0.657	0.442B	0.380B	12.8	1.40	0.417	0.605	0.277	0.189	0.400	1.40	3.40	4
5	0.710	0.440B	0.390B	12.2	1.21	0.419	0.557	0.262	0.218	0.396	1.70	3.58	5
6	0.772	0.440B	0.389B	11.2	1.07	0.454	0.492	0.246	0.208	0.388	1.79	4.19	6
7	0.787	0.438B	0.388B	9.79	0.950	0.404	0.442	0.228	0.211	0.390	1.79	4.51	7
8	0.807	0.437B	0.386B	7.76	0.861	0.321	0.407	0.222	0.210	0.396	1.67	4.28	8
9	0.888	0.436B	0.383B	6.41	0.804	0.310	0.375	0.217	0.227	0.385	1.58	3.90	9
10	0.853	0.436B	0.381B	5.86	0.737	0.315	0.358	0.196A	0.218	0.394	1.45	3.39	10
11	0.813	0.435B	0.400B	6.01	0.677	0.332	0.355	0.180	0.198	0.394	1.37	2.99	11
12	0.778	0.434B	0.430B	6.28	0.584	0.326	0.332	0.168	0.246	0.368	1.35	2.62B	12
13	0.760B	0.432B	0.550B	6.95	0.518	0.335	0.319	0.154	0.277	0.359	1.31	2.33B	13
14	0.720B	0.430B	0.636	7.80	0.468	0.356	0.317	0.144	0.225	0.357	1.34	2.04	14
15	0.700B	0.440B	0.716	8.54	0.433	0.580	0.313	0.136	0.237	0.369	1.27	1.80	15
16	0.680B	0.442B	0.827	9.39	0.418	1.33	0.304	0.129	0.232	0.447	1.21	2.03B	16
17	0.660B	0.440B	1.05	11.0	0.418	1.78	0.305	0.117	0.241	0.469	1.15	2.20B	17
18	0.640B	0.435B	1.16	11.9	0.399	1.84	0.313	0.108	0.308	0.473	1.10	2.33B	18
19	0.620B	0.430B	1.23	10.4	0.394	1.99	0.309	0.103	0.300	0.468	1.04	2.12	19
20	0.600B	0.440B	1.36	9.20	0.412	2.08	0.300	0.126	0.318	1.13	1.02	1.91	20
21	0.570B	0.445B	1.48	8.71	0.418	2.44	0.291	0.138	0.327	1.06	1.11	1.76	21
22	0.558B	0.460B	1.63	7.69	0.437	2.61	0.287	0.110	0.328	0.960	1.25	1.60	22
23	0.540B	0.465B	1.77 B	6.54	0.448	2.51	0.286	0.108	0.333	0.902	1.39	1.46	23
24	0.520B	0.450B	1.93	5.51	0.451	2.29	0.289	0.099	0.333	0.851	1.70	1.49	24
25	0.500B	0.430B	2.11	4.58	0.396	2.06	0.281	0.167	0.359	0.800	1.84	2.24	25
26	0.490B	0.420B	2.21 B	3.97	0.373	1.86	0.275	0.152	0.363	0.754	1.88	4.06	26
27	0.480B	0.405B	2.40 B	3.44	0.357	1.67	0.275	0.158	0.391	0.698	1.81	4.71	27
28	0.475B	0.400B	2.55 B	2.99	0.364	1.54	0.345	0.158	0.404	0.638	1.66	4.32	28
29	0.470B		2.32	2.62	0.379	1.34	0.303	0.159	0.405	0.609	1.83	4.01	29
30	0.460B		2.37	2.30	0.391	1.10	0.277	0.157	0.403	0.546	2.20	3.59	30
31	0.455B		3.14		0.412		0.279	0.155		0.518		3.13	31
TOTAL	19.673	12.262	36.136	228.75	21.479	34.328	12.001	5.410	8.396	17.132	42.635	90.08	TOTAL
MEAN	0.635	0.438	1.17	7.63	0.693	1.14	0.387	0.175	0.280	0.553	1.42	2.91	MEAN
MAX	0.888	0.465	3.14	12.8	2.01	2.61	0.939	0.292	0.405	1.13	2.20	4.71	MAX
MIN	0.455	0.400	0.380	2.30	0.357	0.310	0.275	0.099	0.189	0.357	0.573	1.46	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.45
MAXIMUM DAILY, 12.8 ON APR 4
MINIMUM DAILY, 0.099 ON AUG 24
MAXIMUM INSTANTANEOUS,
13.6 AT 10:54 EST ON APR 5

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 26 39 N
LONG 79 43 47 W
DRAINAGE AREA, 127 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 700	JUL	1 040
FEB	1 060	AUG	467
MAR	3 120	SEP	725
APR	19 800	OCT	1 480
MAY	1 660	NOV	3 680
JUN	2 970	DEC	7 780

TOTAL DISCHARGE, 45 700 dam³

WILMOT CREEK NEAR NEWCASTLE - STATION NO. 02HD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.840B	0.375B	0.390B	6.26	0.966	0.864	0.717	0.518	0.483	0.630	0.660	1.03	1
2	0.920B	0.390B	0.380B	2.58	0.935	0.797	0.686	0.570	0.540	0.602	1.16	0.953	2
3	1.12 B	0.405B	0.375B	10.8	0.903	0.646	0.661	0.531	0.569	0.579	1.68	1.08	3
4	2.00 B	0.380B	0.430B	3.16 B	0.866	0.576	0.637	0.520	0.504	0.547	2.77	1.48	4
5	1.70 B	0.360B	0.420B	1.45 B	0.829	0.606	0.602	0.535	0.473	0.540	1.87	1.24	5
6	1.52	0.360B	0.405B	1.07 B	0.846	2.48	0.565	0.478	0.459	0.584	1.11	1.77	6
7	1.21	0.358B	0.400B	0.936B	0.809	1.44	0.566	0.470	0.474	0.688	0.962	1.29	7
8	0.956	0.355B	0.395B	1.13 B	1.24	0.956	0.546	0.495	0.481	1.02	0.896	1.03	8
9	0.783B	0.355B	0.390B	1.51 B	1.16	0.780	0.527	0.508	0.477	0.706	0.799	0.917	9
10	0.670B	0.355B	0.390B	1.82	0.898	2.64	0.520	0.437	0.458	0.662	0.775	0.740B	10
11	0.650B	0.355B	0.650B	1.81	0.780	4.13	0.541	0.432	0.449	0.849	0.797	0.680B	11
12	0.640B	0.355B	0.520B	1.67	0.754	1.41	0.553	0.460	0.444	0.843	1.12	0.660B	12
13	0.630B	0.355B	2.40 B	2.67	0.771	1.14	0.509	0.394	0.441	0.714	1.08	0.640B	13
14	0.617B	0.350B	6.06	2.31	0.752	1.13	0.480	0.405	0.485	0.708	0.852	0.660B	14
15	0.610B	0.390B	4.47	2.08	0.677	1.14	0.424	0.381	0.636	0.831	0.881	0.690B	15
16	0.605B	0.420B	3.29	2.31	0.682	2.60	0.451	0.376	0.549	0.765	0.753	1.67	16
17	0.602B	0.385B	3.41	3.04	0.646	1.29	0.631	0.382	0.490	0.664	0.745	1.13	17
18	0.600B	0.410B	3.10	2.48	0.628	1.02	0.999	0.373	0.941	0.634	0.732	0.890B	18
19	0.598B	0.568B	3.02	1.72	0.891	1.23	2.19	0.392	0.686	0.653	0.723	0.830	19
20	0.596B	0.580B	4.57	3.11	1.75	1.33	0.802	0.429	0.605	0.681	0.711	0.710B	20
21	0.594B	0.585B	4.36	3.37	0.858	1.22	0.632	0.427	0.535	0.743	1.43	0.690B	21
22	0.592B	0.585B	4.35	1.82	0.776	1.09	0.549	0.443	0.593	0.663	1.63	0.820	22
23	0.640B	0.580B	4.70	1.60	0.867	0.992	0.483	0.540	0.749	0.650	1.11	0.774	23
24	0.610B	0.575B	4.59	1.56	0.934	0.860	0.488	0.489	0.706	0.627	1.63	1.45	24
25	0.595B	0.510B	3.90	1.47	0.895	0.930	0.512	1.19	0.915	0.627	1.11	2.78	25
26	0.582B	0.470B	3.14	1.37	0.848	2.43	0.463	0.763	0.701	0.636	0.996	2.37	26
27	0.581B	0.440B	1.40 B	1.35	0.746	1.26	0.493	0.585	1.05	0.603	0.902	1.43	27
28	0.575B	0.410B	1.50 B	1.18	0.753	0.992	1.10	0.534	1.08	0.635	0.819	2.17	28
29	0.573B		1.74 B	1.09	0.902	0.987	0.746	0.532	0.744	0.621	1.16	1.91	29
30	0.570B		2.70	1.02	0.932	0.838	0.578	0.540	0.649	0.625	1.26	1.00 B	30
31	0.570B		12.4		0.920		0.529	0.538		0.596		0.840B	31
TOTAL	19.949	12.016	80.045	69.746	27.219	39.804	20.188	15.599	18.366	20.886	33.041	36.244	TOTAL
MEAN	0.644	0.429	2.58	2.32	0.878	1.33	0.651	0.503	0.612	0.674	1.10	1.17	MEAN
MAX	2.00	0.585	12.4	10.8	1.75	4.13	2.19	1.19	1.08	1.02	2.77	2.78	MAX
MIN	0.570	0.350	0.375	0.936	0.628	0.576	0.424	0.373	0.441	0.540	0.660	0.640	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 12.4 ON MAR 31
MINIMUM DAILY, 0.350B ON FEB 14
MAXIMUM INSTANTANEOUS,
26.6 AT 14:07 EST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 47 N
LONG 78 37 06 W
DRAINAGE AREA, 82.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 720	JUL	1 740
FEB	1 040	AUG	1 350
MAR	6 920	SEP	1 590
APR	6 030	OCT	1 800
MAY	2 350	NOV	2 850
JUN	3 440	DEC	3 130

TOTAL DISCHARGE, 34 000 dam³

WILTON CREEK NEAR NAPANEE - STATION NO. 02HM004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.460	0.241B	C.209B	23.8	0.816	3.39	0.571	0.118	0.236	0.273	0.280	2.94	1
2	0.664	0.250B	0.208B	15.6	0.764	4.65	0.477	0.131	0.142	0.268	0.430	2.73	2
3	0.579	0.238B	0.206B	11.8	0.724	4.84	0.423	0.126	0.141	0.238	0.619	2.73	3
4	1.58	0.261B	0.204B	13.2	0.641	4.14	0.385	0.124	0.173	0.249	1.90	2.92	4
5	2.85 B	0.252B	0.203B	8.87	0.566	3.17	0.356	0.101	0.150	0.215	4.04	3.06	5
6	2.60 B	0.246B	0.202B	6.63	0.519	3.41	0.316	0.100	0.136	0.187	4.11	3.33	6
7	2.28 B	0.239B	0.202B	4.17	0.496	3.68	0.274	0.086	0.123	0.223	3.27	3.16	7
8	1.68 B	0.236B	0.201B	4.08	0.788	2.99	0.246	0.074	0.112	0.675	2.49	2.68	8
9	1.45 B	0.232B	0.201B	3.13	2.45	2.25	0.201	0.064	0.098	0.820	1.84	2.28 B	9
10	1.29 B	0.230B	0.201B	2.41	2.08	1.69	0.192	0.070	0.088	0.771	1.41	1.82 B	10
11	1.18 B	0.228B	0.205B	2.20	1.51	1.34	0.315	0.077	0.077	0.713	1.29	1.47 B	11
12	1.02 B	0.226B	0.265B	2.29	1.18	1.08	1.11	0.040	0.083	0.698	1.47	1.22 B	12
13	0.925B	0.223B	0.550B	2.49	0.981	0.928	0.766	0.044	0.075	0.618	2.25	1.08 B	13
14	0.839B	0.221B	1.55 B	2.91	0.797	0.858	0.610	0.072	0.073	0.562	1.98	0.987B	14
15	0.761B	0.220B	4.70 B	2.85	0.688	0.762	0.501	0.105	0.077	0.528	1.76	0.984	15
16	0.686B	0.219B	4.30 B	2.64	0.612	0.739	0.414	0.098	0.072	0.502	1.40	3.16	16
17	0.630B	0.218B	3.98 B	2.66	0.538	0.716	0.358	0.052	0.059	0.473	1.18	3.70 B	17
18	0.565B	0.216B	3.74 B	3.15	0.487	0.684	0.307	0.040	0.110	0.434	1.03	3.01 B	18
19	0.525B	0.215B	3.59 B	2.90	0.467	0.672	0.260	0.037	0.092	0.401	0.916	2.43 B	19
20	0.485B	0.221B	3.70 B	2.64	0.514	0.600	0.222	0.047	0.101	0.379	0.813	1.86	20
21	0.460B	0.219B	4.41 B	3.99	0.481	0.706	0.182	0.039	0.135	0.419	0.928	1.57 B	21
22	0.428B	0.218B	5.32 B	4.00	0.455	1.22	0.169	0.038	0.130	0.374	1.38	1.37 B	22
23	0.402B	0.216B	6.52 B	3.40	0.427	1.44	0.121	0.048	0.175	0.334	1.81	1.21	23
24	0.376B	0.214B	5.38 B	2.79	0.490	1.34	0.115	0.049	0.251	0.316	2.25	1.39	24
25	0.351B	0.213B	4.86 B	2.19	0.629	1.19	0.102	0.162	0.219	0.302	2.42	3.09	25
26	0.330B	0.212B	8.48 B	1.80	0.620	0.994	0.094	0.316	0.207	0.280	2.22	5.53	26
27	0.312B	0.210B	7.80 B	1.49	0.584	0.855	0.091	0.232	0.365	0.250	1.91	5.07	27
28	0.292B	0.208B	7.18 B	1.26	0.882	0.799	0.109	0.239	0.347	0.263	1.53	4.73	28
29	0.280B		6.91	1.07	3.05	0.668	0.111	0.227	0.358	0.262	2.29	4.55	29
30	0.268B		6.66	0.945	3.56	0.736	0.112	0.206	0.317	0.245	3.04	3.63	30
31	0.252B		10.1		3.00		0.125	0.184		0.248		2.75	31
TOTAL	26.800	6.342	102.157	143.275	31.756	52.537	9.615	3.346	4.720	12.520	53.856	82.441	TOTAL
MEAN	0.865	0.227	3.30	4.78	1.02	1.75	0.310	0.108	0.157	0.404	1.80	2.66	MEAN
MAX	2.85	0.261	10.1	23.8	3.56	4.84	1.11	0.316	0.365	0.820	4.11	5.53	MAX
MIN	0.252	0.208	0.201	0.945	0.427	0.600	0.091	0.037	0.059	0.187	0.280	0.984	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.45
MAXIMUM DAILY, 23.8 ON APR 1
MINIMUM DAILY, 0.037 ON AUG 19
MAXIMUM INSTANTANEOUS,
26.6 AT 06:37 EST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 14 22 N
LONG 76 59 56 W
DRAINAGE AREA, 112 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 320	JUL	831
FEB	548	AUG	289
MAR	8 830	SEP	408
APR	12 400	OCT	1 080
MAY	2 740	NOV	4 650
JUN	4 540	DEC	7 120

TOTAL DISCHARGE, 45 800 dam³

WINDIGO RIVER ABOVE MUSKRAT DAM LAKE - STATION NO. 04CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	63.0B	49.8B	45.2B	48.3B	97.4	235	387	282	162	130	132	81.5B	1
2	62.0B	49.6B	45.1B	48.3B	104	242	381	280	162	129	131	80.5B	2
3	61.5B	49.4B	45.0B	48.2B	116	251	298	199	161	131	126	80.0B	3
4	60.5B	49.2B	45.0B	48.2B	127	252	298	197	165	128	123	79.0B	4
5	60.0B	48.9B	44.9B	48.1B	138	257	294	195	158	129	120	78.5B	5
6	59.5B	48.7B	44.8B	48.1B	147	260	288	191	162	130	118	77.5B	6
7	59.0B	48.5B	44.7B	48.1B	156	258	282	190	165	133	115	76.5B	7
8	58.5B	48.2B	44.6B	48.0B	160	254	281	184	166	135	113 B	76.0B	8
9	58.0B	48.0B	44.5B	48.0B	168	256	275	183	162	137	111 B	75.5B	9
10	57.5B	47.8B	44.5B	48.0B	176	277	275	193	157	137	109 B	74.5B	10
11	57.0B	47.6B	44.8B	47.9B	182	294	266	197	160	134	107 B	74.0B	11
12	56.5B	47.4B	46.0B	47.9B	187	302	262	199	159	130	105 B	73.5B	12
13	56.0B	47.2B	48.0B	48.0B	192	309	256	200	152	134	103 B	73.0B	13
14	55.7B	47.0B	49.2B	48.2B	194	313	252	196	149	138	101 B	72.5B	14
15	55.0B	46.9B	49.8B	48.4B	196	317	249	196	152	136	100 B	71.5B	15
16	54.6B	46.8B	49.7B	48.8B	196	319	246	186	151	130	98.5B	71.0B	16
17	54.2B	46.6B	49.6B	49.2B	202	321	240	184	144	129	97.0B	70.5B	17
18	53.8B	46.5B	49.5B	49.6B	202	324	242	183	143	131	95.5B	70.0B	18
19	53.5B	46.4B	49.4B	50.0B	207	325	246	181	141	131	94.0B	69.5B	19
20	53.2B	46.2B	49.3B	50.6B	224	324	250	178	141	131	93.0B	69.0B	20
21	52.8B	46.1B	49.1B	51.6B	234	324	241	182	144	134	91.5B	68.5B	21
22	52.5B	46.0B	49.0B	53.0B	240	326	236	176	142	135	90.5B	68.0B	22
23	52.2B	45.9B	49.0B	54.2B	246	328	238	174	136	135	89.5B	67.5B	23
24	51.8B	45.7B	48.9B	55.5B	248	323	235	172	131	132	88.5B	67.0B	24
25	51.5B	45.6B	48.8B	56.8B	249	320	229	169	139	135	87.0B	66.5B	25
26	51.2B	45.5B	48.7B	58.9	249	321	225	168	137	133	86.0B	66.0B	26
27	50.8B	45.4B	48.6B	60.3	248	320	224	165	125	131	85.0B	65.5B	27
28	50.5B	45.3B	48.5B	63.5	244	312	222	161	125	132	84.0B	65.5B	28
29	50.3B		48.5B	72.4	238	308	217	163	131	131	83.5B	65.0B	29
30	50.1B		48.4B	88.9	232	306	217	162	135	130	82.5B	64.5B	30
31	50.0B		48.4B		234		208	160		131		64.0B	31
TOTAL	1 712.7	1 322.2	1 469.5	1 585.0	6 031.4	8 878	7 900	5 686	4 457	4 102	3 060.0	2 222.0	TOTAL
MEAN	55.2	47.2	47.4	52.8	195	296	255	183	149	132	102	71.7	MEAN
MAX	63.0	49.8	49.8	88.9	249	328	307	202	166	138	132	81.5	MAX
MIN	50.0	45.3	44.5	47.9	97.4	235	208	160	125	120	82.5	64.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 133
MAXIMUM DAILY, 328 ON JUN 23
MINIMUM DAILY, 44.5B ON MAR 9
MAXIMUM INSTANTANEOUS,
330 AT 10:51 EST ON JUN 23

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 20 55 N
LONG 91 47 30 W
DRAINAGE AREA, 10 800 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	148 000	JUL	683 000
FEB	114 000	AUG	491 000
MAR	127 000	SEP	385 000
APR	137 000	OCT	354 000
MAY	521 000	NOV	264 000
JUN	767 000	DEC	192 000

TOTAL DISCHARGE, 4 180 000 dam³

WINISK RIVER BELOW ASHEWEIG RIVER TRIBUTARY - STATION NO. 04DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	1 220	746	514	433	673	375B	1
2	---	---	---	---	---	---	1 190	743	512	447	673	370B	2
3	---	---	---	---	---	---	1 160	723	532	463	663	365B	3
4	---	---	---	---	---	1 150	1 140	706	569	504	645	361B	4
5	---	---	---	---	---	1 210	1 130	689	619	560	625	356B	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	1 230	1 120	672	683	639	605B	351B	7
8	---	---	---	---	---	1 220	1 150	663	702	701	590B	347B	8
9	---	---	---	---	---	1 220	1 190	660	693	722	570B	343B	9
10	---	---	---	---	---	1 250	1 200	685	680	722	555B	349B	10
11	---	---	---	---	---	1 250	1 180	727	660	707	542B	344B	11
12	---	---	---	---	---	1 320	1 140	723	630	691	530B	340B	12
13	---	---	---	---	---	1 440	1 100	715	607	675	520B	337B	13
14	---	---	---	---	---	1 520	1 060	709	594	656	505B	332B	14
15	---	---	---	---	---	1 550	1 020	692	583	642	495B	328B	15
16	---	---	---	---	---	1 550	987	666	565	643	485B	323B	16
17	---	---	---	---	---	1 550	952	640	543	644	475B	319B	17
18	---	---	---	---	---	1 530	934	617	529	634	465B	315B	18
19	---	---	---	---	---	1 500	970	591	521	625	460B	311B	19
20	---	---	---	---	---	1 460	1 020	567	505	627	450B	298B	20
21	---	---	---	---	---	1 440	1 020	555	486	625	445B	292B	21
22	---	---	---	---	---	1 410	997	545	474	617	437B	289B	22
23	---	---	---	---	---	1 370	969	536	464	615	428B	285B	23
24	---	---	---	---	---	1 330	918	530	457	614	421B	281B	24
25	---	---	---	---	---	1 290	871	522	449	610	413B	279B	25
26	---	---	---	---	---	1 290	882	515	435	610	405B	275B	26
27	---	---	---	---	---	1 280	886	513	417	610	400B	272B	27
28	---	---	99.9B	---	---	1 270	859	513	410	610	390B	268B	28
29	---	---	---	---	---	1 280	828	514	408	608	390B	265B	29
30	---	---	---	---	---	1 270	793	513	398	609	385B	263B	30
31	---	---	---	---	---	1 250	764	510	408	623	380B	257B	31
TOTAL	---	---	---	---	---	---	745	512		654		255B	
MEAN	---	---	---	---	---	---	31 395	19 212	16 047	19 144	15 028	9 745	TOTAL
MAX	---	---	---	---	---	---	1 010	620	535	618	501	314	MEAN
MIN	---	---	---	---	---	---	1 220	746	702	722	673	375	MAX
						---	745	510	398	433	380	255	MIN

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 31 00 N
LONG 87 14 00 W
DRAINAGE AREA, 50 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	2 710 000
FEB	---	AUG	1 660 000
MAR	---	SEP	1 390 000
APR	---	OCT	1 650 000
MAY	---	NOV	1 300 000
JUN	---	DEC	842 000

WINNIPEG RIVER ABOVE BOUNDARY FALLS - STATION NO. 05PF051

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	300.077	300.108	300.926	300.985	300.640	300.561	300.505	---	---	1
2	---	---	---	300.076	300.145	300.910	301.018	300.750	300.591	300.431	---	---	2
3	---	---	---	299.961	300.159	300.887	301.199	300.884	300.636	300.403	---	---	3
4	---	---	---	299.965	300.234	300.825	301.376	300.914	300.555	300.510	---	---	4
5	---	---	---	299.978	300.302	300.790	301.450	300.913	300.484	300.539	---	---	5
6	---	---	---	300.015	300.307	300.806	301.378	300.922	300.383	300.578	---	---	6
7	---	---	---	300.077	300.389	300.932	301.239	300.905	300.363	300.607	---	---	7
8	---	---	---	300.108	300.306	301.087	301.209	300.879	300.438	300.649	---	---	8
9	---	---	---	300.079	300.275	301.161	301.179	300.843	300.443	300.650	---	---	9
10	---	---	---	300.093	300.191	301.196	301.085	300.834	300.461	300.658	---	---	10
11	---	---	---	300.036A	300.382	301.193	301.144	300.813	300.430	300.622	---	---	11
12	---	---	---	300.133E	300.389	301.187	301.084	300.787	300.443	300.685	---	---	12
13	---	---	---	300.044E	300.460	301.181	301.128	300.796	300.581	300.682	---	---	13
14	---	---	---	299.997E	300.458	301.164	301.055	300.881	300.654	300.678	---	---	14
15	---	---	---	300.038E	300.415	301.177	301.029	300.899	300.664	300.776	---	---	15
16	---	---	---	300.075E	300.377	301.198	301.010	300.904	300.592	300.824	---	---	16
17	---	---	---	300.185E	300.374	301.239	301.002	300.881	300.563	300.875	---	---	17
18	---	---	---	300.199E	300.369	301.256	300.964	300.887	300.589	300.909	---	---	18
19	---	---	---	300.220A	300.375	301.239	300.859	300.944	300.499	300.828	---	---	19
20	---	---	---	300.115	300.390	301.195	300.823	300.903	300.523	300.790E	---	---	20
21	---	---	---	300.124	300.487	301.183	300.667	300.872	300.561	300.870E	---	---	21
22	---	---	---	300.153	300.563	301.184	300.612	300.882	300.548	300.923	---	---	22
23	---	---	300.320A	300.096	300.665	301.188	300.582	300.764	300.515	300.869	---	---	23
24	---	---	300.261	300.167	300.757	301.209	300.647	300.750	300.525	300.819	---	---	24
25	---	---	300.039	300.085	300.835	301.218	300.602	300.743	300.526	300.925	---	---	25
26	---	---	300.035	300.178	300.865	301.202	300.633	300.721	300.482	300.952	---	---	26
27	---	---	300.110	300.106	300.881	301.154	300.671	300.714	300.535	301.064A	---	---	27
28	---	---	300.241	300.103	300.884	301.190	300.626	300.665	300.609	301.070E	---	---	28
29	---		300.286	300.057	300.915	301.065	300.674	300.589	300.605	301.100E	---	---	29
30	---		300.279	300.074	300.907	301.084	300.697	300.545	300.467	301.110E	---	---	30
31	---		300.203		300.916		300.683	300.586		301.125E		---	31
MEAN	---	---	---	300.087	300.486	301.108	300.945	300.799	300.528	300.775	---	---	MEAN
MAX	---	---	---	300.220	300.916	301.256	301.450	300.944	300.664	301.125	---	---	MAX
MIN	---	---	---	299.961	300.108	300.790	300.582	300.589	300.363	300.403	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 301.450 ON JUL 5

MAXIMUM INSTANTANEOUS,
301.469 AT 06:24 CST ON JUL 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 37 N
LONG 95 05 30 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
126 000 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)
APPLY -000.183 m ADJUSTMENT TO CONVERT TO ONTARIO HYDRO PROJECT DATUM

WINNIPEG RIVER AT MINAKI - STATION NO. 05PE009

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	316.08	316.06	315.91	315.93	316.07	315.93	316.02	316.08	316.03	315.94	316.02	316.05	1
2	316.06	316.08	315.96	315.97	316.07	315.96	316.05	316.09	316.01	315.98	316.05	316.05	2
3	316.06	316.06	315.96	315.99	316.02	315.96	316.14	316.05	316.01	315.99	316.08	316.05	3
4	316.00	316.08	315.97	315.99	316.02	315.98	316.13	316.02	316.03	315.95	316.07	316.05	4
5	315.98	316.05	315.97	315.99	316.04	316.02	316.12	316.00	316.05	315.94	316.07	316.05	5
6	315.98	316.07	315.96	315.99	316.07	316.05	316.11	315.99	316.08	315.93	316.05	316.06	6
7	315.98	316.06	315.96	315.98	316.06	316.11	316.08	315.99	316.06	315.95	316.05	316.08	7
8	315.99	316.07	315.96	316.00	316.07	316.11	316.09	315.98	316.07	315.96	316.05	316.09	8
9	316.00	316.07	315.94	316.01	316.06	316.09	316.09	315.96	316.05	315.98	316.04	316.10	9
10	316.02	316.08	315.94	316.00	316.12	316.09	316.08	315.96	316.05	315.96	316.05	316.11	10
11	316.02	316.08	315.97	316.00	316.06	316.07	316.08	315.99	316.05	315.97	316.05	316.11	11
12	316.03	316.08	315.95	315.97	316.05	316.05	316.08	315.99	316.05	315.97	316.05	316.11	12
13	316.00	316.08	315.96	315.95	316.02	316.05	316.08	316.00	316.02	315.98	316.03	316.11	13
14	315.99	316.08	315.95	315.96	316.02	316.05	316.08	315.99	315.99	315.97	316.02	316.11	14
15	315.98	316.07	315.95	315.98	316.05	316.05	316.02	316.00	315.96	315.93	316.02	316.11	15
16	315.99	316.08	315.95	316.01	316.02	316.05	316.02	315.99	315.97	315.89	316.01	316.11	16
17	315.97	316.06	315.94	316.00	316.04	316.05	316.02	315.99	315.99	315.91	316.01	316.11	17
18	315.96	316.08	315.94	316.00	316.03	316.05	315.97	315.98	315.93	315.93	316.01	316.11	18
19	315.92	316.08	315.93	316.00	316.03	316.03	315.99	316.01	315.94	315.96	316.00	316.10	19
20	315.93	316.05	315.92	316.00	316.05	316.03	315.92	315.99	315.95	316.02	316.00	316.11	20
21	315.97	315.99	315.97	315.99	316.04	316.05	316.02	315.99	315.93	316.02	316.00	316.11	21
22	315.96	315.90	315.98	316.00	316.06	316.08	316.03	315.96	315.94	315.99	316.08	316.11	22
23	315.96	315.89	315.97	316.00	316.11	316.08	316.05	316.00	315.96	315.99	316.01	316.10	23
24	316.02	315.92	315.97	316.00	316.11	316.08	316.05	316.01	315.97	316.05	316.00	316.10	24
25	316.02	315.92	315.96	316.05	316.09	316.08	316.05	316.00	315.96	316.02	316.01	316.11	25
26	316.08	315.91	315.93	316.00	316.02	316.08	316.07	315.99	315.97	316.02	316.01	316.11	26
27	316.08	315.89	315.93	316.02	316.00	316.08	316.06	315.99	315.96	315.98	316.02	316.12	27
28	316.07	315.91	315.93	316.02	316.01	316.08	316.05	315.99	315.93	315.98	316.05	316.11	28
29	316.08		315.92	316.02	316.00	316.00	316.06	316.03	315.91	316.00	316.08	316.12	29
30	316.07		315.92	316.04	315.96	315.98	316.05	316.00	315.95	316.02	316.08	316.12	30
31	316.06		315.96		315.94		316.08	316.02		316.02		316.12	31
MEAN	316.01	316.03	315.95	316.00	316.04	316.05	316.06	316.00	315.99	315.97	316.04	316.10	MEAN
MAX	316.08	316.08	315.98	316.05	316.12	316.11	316.14	316.09	316.08	316.05	316.08	316.12	MAX
MIN	315.92	315.89	315.91	315.93	315.94	315.93	315.92	315.96	315.91	315.89	316.00	316.05	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MEAN, 316.03
MAXIMUM DAILY, 316.14 ON JUL 3
MINIMUM DAILY, 315.89 ON FEB 23

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 59 15 N
LONG 94 39 45 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WINNIPEG RIVER AT WHITEDOG FALLS POWERHOUSE - STATION NO. 05PE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	352	396	336	288	294	633	513	411	387	339	617	636	1
2	390	479	363	263	302	665	539	445	354	315	532	629	2
3	401	472	363	298	290	634	705	506	370	335	617	673	3
4	458	549	363	295	328	603	726	524	346	345	617	698	4
5	468	573	344	304	344	675	654	524	268	350	617	679	5
6	404	573	344	290	324	689	623	520	291	350	617	699	6
7	488	549	344	306	345	701	585	524	314	350	617	700	7
8	425	543	344	275	281	757	585	524	291	432	617	755	8
9	414	543	344	261	273	778	617	506	361	388	617	735	9
10	471	539	274	299	330	770	617	483	353	380	617	739	10
11	496	543	302	304	400	760	617	469	349	353	617	737	11
12	524	543	329	308	382	733	617	441	361	401	617	743	12
13	579	543	308	274	339	704	617	505	459	418	617	743	13
14	579	543	323	265	356	707	617	505	423	388	617	740	14
15	540	543	309	263	293	703	617	505	338	504	588	743	15
16	579	543	323	300	299	719	617	505	330	404	588	736	16
17	579	465	330	308	324	733	582	505	406	450	588	741	17
18	579	519	326	312	284	684	413	505	413	424	547	751	18
19	498	505	368	317	308	675	464	509	327	348	547	756	19
20	447	498	234	291	316	621	375	510	396	422	547	759	20
21	482	498	268	320	323	646	367	509	350	547	547	762	21
22	441	501	317	361	324	658	375	361	367	490	535	762	22
23	396	395	306	268	463	679	370	406	359	406	547	766	23
24	404	404	353	305	563	660	400	428	393	436	547	766	24
25	439	363	347	304	563	648	362	422	326	533	540	768	25
26	375	363	321	318	523	646	416	419	312	635	547	772	26
27	444	352	315	300	501	642	428	416	419	635	547	773	27
28	453	273	311	259	495	634	413	322	374	563	547	771	28
29	423		307	278	531	592	430	334	317	590	598	769	29
30	473		279	272	531	521	446	366	307	635	672	755	30
31	477		286		531		398	407		617		786	31
TOTAL	14 478	13 610	9 981	8 806	11 760	20 310	16 085	14 296	10 661	13 783	17 585	22 842	TOTAL
MEAN	467	486	322	294	379	677	519	461	355	445	586	737	MEAN
MAX	579	573	368	361	563	778	726	524	459	635	672	786	MAX
MIN	352	273	234	259	273	521	367	322	268	315	532	629	MIN

SUMMARY FOR THE YEAR 1982

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 477
MAXIMUM DAILY, 786 ON DEC 31
MINIMUM DAILY, 234 ON MAR 20

DATA CONTRIBUTED BY -
ONTARIO HYDRO

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 07 00 N
LONG 94 52 15 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 250 000	JUL	1 390 000
FEB	1 180 000	AUG	1 240 000
MAR	862 000	SEP	921 000
APR	761 000	OCT	1 190 000
MAY	1 020 000	NOV	1 520 000
JUN	1 750 000	DEC	1 970 000

TOTAL DISCHARGE, 15 100 000 dam³

WINNIPEG RIVER AT WHITEDOG INDIAN RESERVE - STATION NO. 05PE021

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	300.089E	300.124	300.997E	301.044	300.665	300.597	300.543	---	---	1
2	---	---	---	300.088E	300.152	300.980E	301.083	300.784	300.634	300.461	---	---	2
3	---	---	---	299.997E	300.161	300.955E	301.293	300.933	300.675	300.431	---	---	3
4	---	---	---	299.981E	300.249	300.888E	301.483	300.957	300.587	300.548	---	---	4
5	---	---	---	299.992E	300.322	300.850E	301.551	300.955	300.519	300.579	---	---	5
6	---	---	---	300.028E	300.328	300.867E	301.470	300.965	300.407	300.615	---	---	6
7	---	---	---	300.088E	300.425	301.004E	301.327	300.952	300.380	300.644	---	---	7
8	---	---	---	300.194A	300.331	301.172E	301.287	300.939	300.462	300.690	---	---	8
9	---	---	---	300.086A	300.297	301.252E	301.250	300.891	300.459	300.689	---	---	9
10	---	---	---	300.123A	300.208	301.290E	301.147	300.880	300.482	300.702	---	---	10
11	---	---	---	300.077A	300.413	301.287E	301.216	300.863	300.455	300.665	---	---	11
12	---	---	---	300.148	300.413	301.280E	301.147	300.824	300.472	300.733	---	---	12
13	---	---	---	300.058	300.485	301.273E	301.197	300.845	300.613	300.725	---	---	13
14	---	---	---	300.007	300.484	301.255E	301.110	300.846	300.692	300.728	---	---	14
15	---	---	---	300.050	300.435	301.269E	301.077	.00.956	300.705	300.843	---	---	15
16	---	---	---	300.088	300.391	301.292E	301.058	300.960	300.633E	300.876	---	---	16
17	---	---	---	300.202	300.397	301.337E	301.051	300.934	300.604E	300.925	---	---	17
18	---	---	---	300.217	300.391	301.355E	301.010	300.930	300.630E	300.969	---	---	18
19	---	---	---	300.213	300.398	301.337E	300.893	301.004	300.540E	300.884	---	---	19
20	---	---	---	300.130	300.412	301.289E	300.853	300.957	300.564E	300.849	---	---	20
21	---	---	---	300.143	300.519	301.276E	300.693	300.923	300.602E	300.925	---	---	21
22	---	---	---	300.175	300.566A	301.258A	300.633	300.844	300.566A	300.979	---	---	22
23	---	---	300.391A	300.109	300.713E	301.280	300.601	300.802	300.556	300.910	---	---	23
24	---	---	---	300.188	300.813E	301.310	300.676	300.799	300.566	300.865	---	---	24
25	---	---	---	300.105	300.898E	301.312	300.628	300.797	300.555	300.985	---	---	25
26	---	---	---	300.204	300.931E	301.289	300.663	300.771	300.513	301.008	---	---	26
27	---	---	---	300.127	300.948E	301.238	300.701	300.767	300.568	301.124A	---	---	27
28	---	---	300.261A	300.114	300.951E	301.280	300.654	300.714	300.641	301.130E	---	---	28
29	---		300.292	300.060	300.985E	301.138	300.70-	300.544	300.638	301.150E	---	---	29
30	---		300.280	300.089	300.976E	301.163	300.729	300.581	300.525	301.175E	---	---	30
31	---		300.227A		300.986E		300.712	300.618		301.195E		---	31
MEAN	---	---	---	300.106	300.519	301.192	300.998	300.805	300.561	300.824	---	---	MEAN
MAX	---	---	---	300.217	300.986	301.355	301.551	301.004	300.705	301.195	---	---	MAX
MIN	---	---	---	299.981	300.124	300.850	300.601	300.544	300.380	300.431	---	---	MIN

SUMMARY FOR THE YEAR 1982

WATER LEVELS IN METRES

MAXIMUM DAILY, 301.551 ON JUL 5

MAXIMUM INSTANTANEOUS,
301.563 AT 11:31 CST ON JUL 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 07 50 N
LONG 94 54 50 W

A - MANUAL GAUGE
E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1939 ADJ.)
APPLY -000.103 m ADJUSTMENT TO CONVERT TO ONTARIO HYDRO PROJECT DATUM

WINNIPEG RIVER BELOW KENORA POWERHOUSE - STATION NO. 05PE001

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	317.10	317.25	316.98	316.71	316.77	317.51	317.52	317.18	317.06	316.95	317.35	317.48	1
2	317.10	317.25	316.99	316.71	316.73	317.58	317.52	317.15	317.07	316.96	317.36	317.48	2
3	317.10	317.25	316.99	316.74	316.73	317.62	317.58	317.20	317.04	316.97	317.38	317.59	3
4	317.12	317.27	316.99	316.74	316.77	317.62	317.58	317.23	316.99	316.96	317.36	317.68	4
5	317.13	317.28	316.96	316.74	316.80	317.62	317.53	317.26	316.94	316.98	317.36	317.73	5
6	317.14	317.28	316.95	316.73	316.81	317.64	317.43	317.27	316.98	316.95	317.36	317.74	6
7	317.15	317.28	316.94	316.72	316.83	317.68	317.41	317.26	316.98	316.97	317.36	317.74	7
8	317.16	317.28	316.93	316.72	316.81	317.66	317.40	317.26	316.99	317.03	317.36	317.77	8
9	317.16	317.28	316.93	316.72	316.82	317.66	317.36	317.26	316.99	317.03	317.36	317.79	9
10	317.19	317.28	316.93	316.72	316.83	317.66	317.35	317.25	317.00	317.04	317.36	317.79	10
11	317.19	317.28	316.92	316.69	316.78	317.67	317.35	317.25	317.03	317.04	317.35	317.79	11
12	317.21	317.28	316.86	316.69	316.75	317.66	317.34	317.26	317.05	317.05	317.36	317.79	12
13	317.24	317.28	316.85	316.75	316.74	317.66	317.33	317.26	317.04	317.07	317.35	317.79	13
14	317.25	317.28	316.84	316.76	316.74	317.66	317.33	317.25	316.88	317.06	317.35	317.79	14
15	317.23	317.28	316.83	316.78	316.73	317.66	317.27	317.26	317.02	317.07	317.36	317.79	15
16	317.23	317.28	316.83	316.80	316.73	317.66	317.16	317.26	317.03	317.13	317.35	317.78	16
17	317.22	317.28	316.83	316.80	316.78	317.65	317.10	317.26	317.04	317.17	317.35	317.78	17
18	317.20	317.26	316.83	316.79	316.75	317.65	317.08	317.26	317.04	317.18	317.35	317.78	18
19	317.21	317.22	316.82	316.77	316.78	317.65	317.09	317.24	317.04	317.18	317.35	317.78	19
20	317.21	317.14	316.75	316.77	316.77	317.65	317.06	317.23	317.04	317.14	317.35	317.78	20
21	317.21	317.10	316.76	316.77	317.03	317.64	317.07	317.17	317.04	317.17	317.35	317.78	21
22	317.20	317.04	316.74	316.75	317.22	317.64	317.09	317.15	317.04	317.17	317.35	317.79	22
23	317.20	316.99	316.74	316.74	317.27	317.65	317.10	317.14	317.05	317.16	317.35	317.80	23
24	317.21	316.98	316.74	316.75	317.28	317.60	317.11	317.12	317.01	317.16	317.35	317.80	24
25	317.22	316.98	316.73	316.75	317.36	317.56	317.11	317.12	316.99	317.18	317.36	317.80	25
26	317.24	316.97	316.72	316.73	317.20	317.56	317.10	317.14	316.97	317.30	317.43	317.80	26
27	317.25	316.97	316.71	316.74	317.24	317.54	317.12	317.14	316.96	317.31	317.45	317.80	27
28	317.25	316.96	316.70	316.74	317.25	317.54	317.15	317.10	316.95	317.27	317.47	317.80	28
29	317.26		316.69	316.75	317.25	317.51	317.17	317.08	316.96	317.34	317.48	317.80	29
30	317.25		316.69	316.76	317.25	317.52	317.17	317.03	316.95	317.38	317.48	317.80	30
31	317.25		316.72		317.34		317.17	317.04		317.38		317.80	31
MEAN	317.20	317.19	316.84	316.74	316.94	317.62	317.26	317.20	317.11	317.12	317.37	317.76	MEAN
MAX	317.26	317.28	316.99	316.80	317.36	317.68	317.58	317.27	317.95	317.38	317.48	317.80	MAX
MIN	317.10	316.96	316.69	316.69	316.73	317.51	317.06	317.03	316.88	316.95	317.35	317.48	MIN

WATER LEVELS IN METRES

MEAN, 317.19
MAXIMUM DAILY, 319.95 ON SEP 30
MINIMUM DAILY, 316.69 ON MAR 29

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 46 20 N
LONG 94 30 10 W

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -0.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS - STATION NO. 05PE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	386	504	365	284	283	707	658	450	403	349	570	629	1
2	385	501	363	283	231	715	653	453	403	349	563	632	2
3	386	501	364	283	271	723	651	510	359	349	566	783	3
4	396	507	364	284	295	727	661	519	350	350	573	777	4
5	400	508	337	283	297	723	575	523	350	348	578	773	5
6	427	508	338	282	305	716	561	525	350	347	583	764	6
7	429	505	337	282	299	711	556	526	351	373	577	776	7
8	456	508	338	282	298	711	560	514	351	395	579	775	8
9	458	507	339	281	298	704	545	519	352	392	582	775	9
10	458	509	339	281	278	712	545	525	391	375	576	775	10
11	473	506	338	229	279	716	543	525	393	392	573	770	11
12	494	506	317	263	280	716	545	529	392	401	565	770	12
13	516	506	317	291	280	716	545	522	392	405	577	768	13
14	513	503	318	293	280	709	556	520	375	404	581	769	14
15	505	506	313	292	280	709	435	522	397	477	581	769	15
16	505	508	313	292	281	715	404	520	400	488	578	769	16
17	505	508	315	293	269	709	489	525	399	493	581	769	17
18	508	495	314	293	282	716	487	526	401	472	563	769	18
19	508	437	291	287	286	715	483	521	397	472	577	769	19
20	508	426	291	287	288	715	398	458	402	474	577	769	20
21	508	427	292	287	458	709	395	456	399	479	577	763	21
22	502	385	284	287	499	709	405	455	401	478	577	784	22
23	502	365	283	286	500	684	404	456	397	479	577	775	23
24	502	365	283	287	500	652	402	457	375	479	577	781	24
25	505	366	283	285	387	663	400	455	356	565	616	782	25
26	506	365	283	265	485	669	400	452	355	576	628	782	26
27	509	365	284	289	504	658	439	407	347	569	630	774	27
28	509	365	284	283	504	654	444	406	350	575	630	774	28
29	504		284	283	506	654	441	404	351	588	624	776	29
30	504		284	283	505	654	451	378	350	590	627	777	30
31	504		284		646		449	482		586		770	31
TOTAL	14 769	12 962	9 739	8 480	11 154	20 989	15 236	14 956	11 289	14 069	17 563	23 687	TOTAL
MEAN	476	463	314	283	360	700	491	482	376	454	583	764	MEAN
MAX	516	509	365	293	646	727	661	529	403	590	630	784	MAX
MIN	385	365	283	229	231	652	395	374	347	347	563	629	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 479
MAXIMUM DAILY, 784 ON DEC 22
MINIMUM DAILY, 229 ON APR 11

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE -
LOCATION - LAT 49 07 00 N
LONG 94 30 50 W
DRAINAGE AREA, 70 600 km²

REGULATED

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS THROUGH ALL LAKE OF THE WOODS OUTLETS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 280 000	JUL	1 320 000
FEB	1 130 000	AUG	1 290 000
MAR	841 000	SEP	975 000
APR	733 000	OCT	1 220 000
MAY	964 000	NOV	1 520 000
JUN	1 810 000	DEC	2 050 000

TOTAL DISCHARGE, 15 100 000 dam³

WINNIPEG RIVER BELOW NORMAN DAM AND POWERHOUSE - STATION NO. 05PB012

DAILY WATER LEVEL IN METRES FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	316.944	317.308	316.868	316.706	316.785	317.637	317.630	317.162	316.973	316.804	317.454	317.586	1
2	316.953	317.305	316.875	316.724	316.737	317.727	317.644	317.148	316.976	316.822	317.439	317.584	2
3	316.949	317.298	316.873	316.750	316.704	317.767	317.698	317.221	316.927	316.834	317.449	317.738	3
4	316.929	317.302	316.868	316.739	316.778	317.782	317.685	317.297	316.859	316.828	317.455	317.910	4
5	316.934	317.309	316.853	316.725	316.807	317.790	317.624	317.308	316.854	316.819	317.461	317.925	5
6	316.980	317.309	316.831	316.725	316.810	317.802	317.477	317.314	316.861	316.813	317.462	317.937	6
7	317.019	317.309	316.822	316.726	316.822	317.829	317.463	317.321	316.866	316.868	317.464	317.964	7
8	317.061	317.309	316.808	316.730	316.823	317.822	317.430	317.318	316.868	316.901	317.459	317.974	8
9	317.127	317.311	316.802	316.734	316.827	317.820	317.419	317.304	316.870	316.913	317.459	317.974	9
10	317.152	317.309	316.804	316.747	316.830	317.825	317.406	317.301	316.912	316.917	317.455	317.979	10
11	317.168	317.312	316.816	316.689	316.821	317.826	317.402	317.300	316.975	316.935	317.456	317.978	11
12	317.201	317.313	316.799	316.647	316.795	317.823	317.395	317.311	316.989	316.948	317.438	317.970	12
13	317.248	317.311	316.784	316.715	316.782	317.821	317.389	317.312	316.982	316.948	317.441	317.964	13
14	317.270	317.306	316.784	316.733	316.776	317.820	317.383	317.305	316.947	316.951	317.445	317.963	14
15	317.268	317.307	316.777	316.756	316.774	317.805	317.282	317.313	316.920	317.030	317.446	317.964	15
16	317.257	317.307	316.776	316.785	316.775	317.811	317.054	317.310	316.935	317.127	317.436	317.960	16
17	317.244	317.309	316.771	316.787	316.759	317.799	317.007	317.310	316.950	317.152	317.434	317.957	17
18	317.239	317.311	316.774	316.780	316.772	317.802	316.979	317.318	316.944	317.155	317.434	317.956	18
19	317.241	317.236	316.759	316.780	316.782	317.805	316.966	317.320	316.938	317.155	317.427	317.957	19
20	317.244	317.123	316.740	316.775	316.785	317.798	316.950	317.236	316.938	317.177	317.439	317.953	20
21	317.245	317.075	316.759	316.774	316.914	317.802	316.962	317.140	316.930	317.190	317.445	317.949	21
22	317.242	316.983	316.756	316.767	317.179	317.805	316.983	317.118	316.928	317.181	317.436	317.956	22
23	317.250	316.879	316.737	316.765	317.252	317.773	317.001	317.124	316.945	317.177	317.435	317.976	23
24	317.259	316.859	316.703	316.772	317.272	317.697	317.022	317.129	316.931	317.194	317.436	317.971	24
25	317.267	316.849	316.730	316.776	317.085	317.669	317.025	317.124A	316.860	317.276	317.468	317.977	25
26	317.276	316.843	316.713	316.710	317.138	317.667	317.027	317.120E	316.829	317.397	317.539	317.976	26
27	317.296	316.839	316.699	316.742	317.216	317.656	317.069	317.052A	316.829	317.402	317.563	317.977	27
28	317.304	316.843	316.687	316.742	317.233	317.642	317.130	316.972	316.818	317.409	317.575	317.978	28
29	317.304		316.683	316.756	317.240	317.631	317.147	316.979	316.795	317.453	317.585	317.979	29
30	317.310		316.690	316.774	317.233	317.627	317.150	316.955	316.798	317.473	317.583	317.973	30
31	317.301		316.717		317.371		317.157	316.964		317.471		317.968	31
MEAN	317.177	317.181	316.778	316.745	316.932	317.763	317.256	317.207	316.905	317.087	317.467	317.931	MEAN
MAX	317.310	317.313	316.875	316.787	317.371	317.829	317.698	317.321	316.989	317.473	317.585	317.979	MAX
MIN	316.929	316.839	316.683	316.647	316.704	317.627	316.950	316.955	316.795	316.804	317.427	317.584	MIN

WATER LEVELS IN METRES

MEAN, 317.202
MAXIMUM DAILY, 317.979 ON DEC 10
MINIMUM DAILY, 316.647 ON APR 12
MAXIMUM INSTANTANEOUS,
317.983 AT 05:00 CST ON DEC 10

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 15 N
LONG 96 31 25 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -0.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

WIXON CREEK BELOW ALTONA - STATION NO. 02HC046

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.135B	0.068B	0.084B	1.46	0.130	---	---	---	---	---	---	---	1
2	0.151B	0.068B	0.082B	0.521B	0.129	---	---	---	---	---	---	---	2
3	0.136	0.073B	0.078B	1.75 B	0.128	---	---	---	---	---	---	---	3
4	0.198	0.076B	0.094B	0.631B	0.125	---	---	---	---	---	---	---	4
5	0.190B	0.071B	0.087B	0.347B	0.126	---	---	---	---	---	---	---	5
6	0.148	0.070B	0.084B	0.305B	0.119	---	---	---	---	---	---	---	6
7	0.127B	0.069B	0.080B	0.260B	0.123A	---	---	---	---	---	---	---	7
8	0.105B	0.068B	0.076B	0.277B	---	---	---	---	---	---	---	---	8
9	0.096B	0.067B	0.073B	0.303	---	---	---	---	---	---	---	---	9
10	0.087B	0.066B	0.092B	0.356	---	---	---	---	---	---	---	---	10
11	0.080B	0.066B	0.102B	0.345	---	---	---	---	---	---	---	---	11
12	0.077B	0.065B	0.115B	0.339	---	---	---	---	---	---	---	---	12
13	0.076B	0.065B	0.211B	0.554	---	---	---	---	---	---	---	---	13
14	0.075B	0.066B	0.236	0.418	---	---	---	---	---	---	---	---	14
15	0.074B	0.072B	0.200	0.402	---	---	---	---	---	---	---	---	15
16	0.072B	0.074B	0.188	0.440	---	---	---	---	---	---	---	---	16
17	0.071B	0.072B	0.215	0.660	---	---	---	---	---	---	---	---	17
18	0.071B	0.080B	0.201	0.371	---	---	---	---	---	---	---	---	18
19	0.071B	0.084B	0.193	0.276	---	---	---	---	---	---	---	---	19
20	0.071B	0.086B	0.237	0.498	---	---	---	---	---	---	---	---	20
21	0.070B	0.090B	0.273	0.320	---	---	---	---	---	---	---	---	21
22	0.070B	0.092B	0.263	0.221	---	---	---	---	---	---	---	---	22
23	0.084B	0.092B	0.330	0.283	---	---	---	---	---	---	---	---	23
24	0.077B	0.092B	0.370	0.190	---	---	---	---	---	---	---	---	24
25	0.073B	0.092B	0.340	0.176	---	---	---	---	---	---	---	---	25
26	0.072B	0.091B	0.287	0.170	---	---	---	---	---	---	---	---	26
27	0.071B	0.090B	0.295E	0.165	---	---	---	---	---	---	---	---	27
28	0.070B	0.088B	0.225E	0.153	---	---	---	---	---	---	---	---	28
29	0.070B		0.192E	0.143	---	---	---	---	---	---	---	---	29
30	0.069B		0.325	0.137	---	---	---	---	---	---	---	---	30
31	0.069B		3.68		---	---	---	---	---	---	---	---	31
TOTAL	2.906	2.151	9.317	12.389	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.094	0.077	0.301	0.413	---	---	---	---	---	---	---	---	MEAN
MAX	0.198	0.092	3.68	1.75	---	---	---	---	---	---	---	---	MAX
MIN	0.069	0.065	0.073	0.137	---	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.68 ON MAR 31

MAXIMUM INSTANTANEOUS,
6.89 AT 14:27 EST ON MAR 31

REMARKS - GAUGE DISCONTINUED MAY 07

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 57 36 N
LONG 79 10 57 W
DRAINAGE AREA, 10.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	251	JUL	---
FEB	186	AUG	---
MAR	805	SEP	---
APR	1 070	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

WOLF RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.654	0.485B	0.401B	0.439B	41.5	8.36	3.23	2.32	1.32	3.23	7.37	10.9	1
2	0.679B	0.480B	0.400B	0.443B	39.2	7.85	3.00	2.13	1.43	3.53	7.24	10.6	2
3	0.677B	0.475B	0.400B	0.457B	37.0	7.31	2.93	2.60	1.47	4.02	7.18	10.9	3
4	0.665B	0.470B	0.400B	0.462B	34.9	6.83	2.83	2.89	1.39	3.94	7.99	11.4	4
5	0.660B	0.465B	0.400B	0.476B	33.5	6.31	2.72	3.26	1.46	4.12	7.94	12.0	5
6	0.650B	0.462B	0.400B	0.490B	32.1	6.00	3.75	3.62	1.39	4.38	7.81	11.9	6
7	0.640B	0.459B	0.400B	0.500B	31.1	5.65	5.50	3.83	1.30	5.80	7.61	10.6	7
8	0.630B	0.453B	0.399B	0.510B	29.9	5.53	7.48	3.87	1.23	8.55	7.48	9.77	8
9	0.623B	0.450B	0.399B	0.526B	28.0	5.32	8.94	3.79	1.22	12.8	7.13	9.21	9
10	0.618B	0.447B	0.399B	0.558B	25.9	5.63	8.62	3.42	1.20	16.9	7.08	8.31B	10
11	0.608B	0.445B	0.399B	0.589B	25.3	5.16	7.72	3.16	1.17	23.1	7.10	7.85B	11
12	0.600B	0.442B	0.399B	0.620B	25.3	5.05	6.79	2.93	1.25	27.1	7.26	7.35B	12
13	0.596B	0.439B	0.399B	0.660B	25.8	4.80	6.18	2.63	1.46	25.4	6.54	6.90B	13
14	0.589B	0.437B	0.399B	0.700B	25.9	4.92	5.76	2.42	1.53	21.9	6.59	6.62B	14
15	0.580B	0.436B	0.399B	0.760B	27.3	5.85	5.61	2.19	1.63	19.0	6.39	6.33B	15
16	0.573B	0.430B	0.399B	0.820B	27.7	5.98	5.69	2.06	1.73	16.1	6.20	5.95B	16
17	0.564B	0.428B	0.399B	0.900B	26.5	5.95	5.58	1.93	1.90	13.9	6.00	5.68B	17
18	0.560B	0.425B	0.399B	1.00 B	24.6	5.59	5.42	1.78	2.02	12.5	5.83	5.41B	18
19	0.555B	0.422B	0.399B	1.10 B	23.5	5.38	5.04	1.69	2.08	12.1	5.84	5.16B	19
20	0.547B	0.420B	0.400B	1.25 B	22.1	5.34	4.69	1.61	2.16	12.0	6.55	4.95B	20
21	0.542B	0.418B	0.400B	1.44 B	20.7	5.41	4.44	1.49	2.15	11.5	11.3	4.71B	21
22	0.537B	0.416B	0.401B	1.79	18.9	5.16	4.18	1.68	2.12	10.7	23.9	4.55B	22
23	0.530B	0.415B	0.403B	2.49	17.1	4.82	3.76	1.75	2.11	10.0	29.6	4.40B	23
24	0.523B	0.412B	0.404B	4.68	15.6	4.60	3.44	1.75	2.41	9.46	25.5	4.22A	24
25	0.518B	0.409B	0.405B	13.7	14.2	4.48	3.27	1.75	2.42	9.08	20.9	4.07H	25
26	0.511B	0.406B	0.408B	34.8	13.1	4.20	2.98	1.72	2.30	8.57	17.9	3.89B	26
27	0.505B	0.404B	0.413B	47.3	12.2	3.95	2.88	1.69	2.30	8.29	15.4	3.71B	27
28	0.502B	0.402B	0.415B	42.1	11.2	3.86	2.80	1.54	2.46	7.96	14.1	3.62B	28
29	0.499B		0.418B	38.7	10.2	3.70	2.60	1.43	2.68	7.90	12.4	3.52B	29
30	0.495B		0.422B	40.3	9.65	3.46	2.51	1.37	3.06	7.72	11.2	3.43B	30
31	0.490B		0.425B		8.88		2.40	1.33		7.54		3.32B	31
TOTAL	17.920	12.250	12.503	240.568	738.43	162.45	142.74	71.63	54.35	349.09	321.33	211.27	TOTAL
MEAN	0.578	0.438	0.403	8.02	23.8	5.42	4.60	2.31	1.81	11.3	10.7	6.82	MEAN
MAX	0.679	0.485	0.425	47.3	41.5	8.36	8.94	3.87	3.06	27.1	29.6	12.0	MAX
MIN	0.490	0.402	0.399	0.439	8.88	3.46	2.40	1.33	1.17	3.23	5.83	3.32	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.40
MAXIMUM DAILY, 47.3 ON APR 27
MINIMUM DAILY, 0.399B ON MAR 8
MAXIMUM INSTANTANEOUS,
49.8 AT 07:23 EST ON APR 27

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 49 19 N
LONG 88 32 07 W
DRAINAGE AREA, 736 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 550	JUL	12 300
FEB	1 060	AUG	6 190
MAR	1 080	SEP	4 700
APR	20 800	OCT	30 200
MAY	63 800	NOV	27 800
JUN	14 000	DEC	18 300

TOTAL DISCHARGE, 202 000 dam³

WYE CREEK NEAR THORNDALE - STATION NO. 02GD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.180B	0.068B	0.054B	6.00 E	0.190	0.883	0.021	0	0	0.161	0.025	1.35	1
2	0.245B	0.060B	0.057B	2.38	0.177	0.860	0.014	0.017	0	0.081	0.846	0.997	2
3	0.240B	0.055B	0.060B	3.72	0.147	0.504	0.014	0.025	0.001	0.047	3.18	0.929	3
4	0.600B	0.057B	0.065B	1.58	0.122	0.348	0.081	0.017	0	0.032	1.73	2.56	4
5	1.03 B	0.057B	0.070B	1.49	0.099	0.370	0.083	0.003	0	0.016	1.29	2.36	5
6	0.700B	0.055B	0.070B	1.14	0.084	0.940	0.035	0	0	0.009	0.791	4.10	6
7	0.520B	0.051B	0.068B	1.27	0.076	0.710	0.024	0	0	0.020	0.516	1.72	7
8	0.400B	0.048B	0.065B	1.38	0.086	0.529	0.017	0.013	0	0.032	0.373	1.10	8
9	0.325B	0.043B	0.056B	1.52	0.071	0.387	0.012	0.018	0	0.027	0.248	0.767	9
10	0.280B	0.042B	0.063B	1.26	0.049	0.292	0.011	0.002	0	0.023	0.194	0.644	10
11	0.250B	0.043B	0.080B	1.14	0.048	0.192	0.009	0	0	0.116	0.778	0.453	11
12	0.230B	0.043B	0.100B	1.28	0.044	0.142	0.005	0	0	0.148	3.31	0.274B	12
13	0.210B	0.044B	1.20 B	2.11	0.041	0.123	0.004	0	0	0.089	2.34	0.217B	13
14	0.190B	0.046B	3.00 B	1.49	0.033	0.081	0.004	0	0.036	0.061	1.37	0.175B	14
15	0.170B	0.046B	3.50 B	1.16	0.026	0.079	0.002	0	0.092	0.050	0.983	0.240	15
16	0.150B	0.046B	3.80 B	1.33	0.029	0.247	0.003	0	0.006	0.032	0.710	3.23	16
17	0.130B	0.050B	3.60 B	3.06	0.031	0.121	0.034	0	0	0.020	0.605	1.56	17
18	0.110B	0.055B	3.40 B	1.44	0.023	0.074	0.053	0	0	0.010	0.567	0.803	18
19	0.100B	0.059B	3.25 B	0.965	0.033	0.200	0.048	0	0	0.008	0.511	0.543	19
20	0.090B	0.058B	3.20 B	1.10	0.039	0.196	0.029	0	0	0.012	0.738	0.418	20
21	0.080B	0.055B	3.20 B	1.07	0.029	0.152	0.014	0	0	0.015	4.33	0.293	21
22	0.090B	0.058B	3.20 B	0.766	0.103	0.151	0.007	0	0.001	0.010	2.59	0.236	22
23	0.115B	0.048B	3.30 B	0.617	0.264	0.084	0.003	0	0.280	0.008	1.86	0.379	23
24	0.120B	0.046B	3.50 B	0.548	0.121	0.055	0.001	0	0.223	0.006	3.61	4.05	24
25	0.110B	0.045B	2.72 B	0.478	0.078	0.044	0	0.215	0.388	0.004	1.56	12.8	25
26	0.100B	0.045B	2.10 B	0.408	0.059	0.045	0	0.006	0.316	0.004	0.973	4.22	26
27	0.090B	0.047B	1.50 B	0.358	0.108	0.040	0	0	0.606	0.005	0.657	2.12	27
28	0.075B	0.049B	1.20 B	0.288	2.88	0.030	0	0	0.674	0.004	0.686	2.70	28
29	0.065B		1.10 B	0.250	1.91	0.085	0.002	0	0.341	0.004	3.10	1.76	29
30	0.070B		1.42	0.217	1.08	0.042	0	0	0.209	0.003	2.15	0.993	30
31	0.072B		19.0 E		0.899		0	0		0.004		0.641	31
TOTAL	7.137	1.411	67.998	41.827	8.899	8.006	0.520	0.316	3.173	1.041	42.581	58.640	TOTAL
MEAN	0.230	0.050	2.19	1.39	0.287	0.267	0.017	0.010	0.106	0.034	1.42	1.76	MEAN
MAX	1.03	0.068	19.0	6.00	2.88	0.940	0.083	0.215	0.674	0.148	4.33	12.8	MAX
MIN	0.065	0.042	0.054	0.217	0.023	0.030	0	0	0	0.003	0.025	0.175	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.651
MAXIMUM DAILY, 19.0E ON MAR 31
MINIMUM DAILY, 0 ON JUL 25
MAXIMUM INSTANTANEOUS,
23.4 AT 11:07 EST ON DEC 25

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 05 30 N
LONG 81 09 03 W
DRAINAGE AREA, 30.9 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	617	JUL	85.8
FEB	122	AUG	27.3
MAR	5 880	SEP	274
APR	3 610	OCT	89.9
MAY	769	NOV	3 680
JUN	692	DEC	4 720

TOTAL DISCHARGE, 20 590 dam³

WYE RIVER AT WYEBRIDGE - STATION NO. 02ED011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.35	1.32B	1.08B	28.7	2.62	1.60	0.977	1.16	0.640	0.987	0.785	3.98	1
2	1.65B	1.30B	1.07B	21.5	2.42	1.38	0.925	1.01	0.659	0.934	1.34	3.95	2
3	1.92B	1.28B	1.06B	19.5	2.21	1.11	0.846	1.40	0.749	0.827	2.17	8.26	3
4	1.30B	1.25B	1.05B	16.7	2.02	0.975	0.802	1.07	0.612	0.792	2.26	6.49	4
5	1.91B	1.24B	1.04B	9.64	1.80	0.888	0.737	0.924	0.493	0.690	2.04	4.93	5
6	2.10B	1.22B	1.10B	7.37B	1.70	0.882	0.697	0.818	0.482	0.620	2.33	9.04	6
7	2.00B	1.21B	1.06B	5.03B	1.63	0.872	0.669	0.750	0.459	0.622	2.31	5.07	7
8	1.85B	1.20B	1.04B	4.55B	1.60	0.817	0.640	0.688	0.387	0.663	2.13	3.14	8
9	1.78B	1.19B	1.03B	5.40	1.53	0.770	0.606	0.621	0.319	0.660	1.81	2.55	9
10	1.70B	1.18B	1.02B	6.84	1.35	0.731	0.569	0.588	0.272	0.654	1.58	2.00B	10
11	1.61B	1.18B	1.09	7.28	1.20	0.793	0.651	0.544	0.264	0.686	1.51	1.75B	11
12	1.58B	1.17B	1.19	7.56	1.12	0.727	0.609	0.517	0.248	0.692	1.63	1.60B	12
13	1.53B	1.16B	1.51	10.1	1.03	0.669	0.617	0.558	0.295	0.641	1.82	1.53B	13
14	1.52B	1.15B	2.09	8.54	1.05	0.639	0.586	0.516	0.365	0.623	1.74	1.49B	14
15	1.50B	1.14B	2.74B	7.53	1.02	1.33	0.554	0.476	0.455	1.30	1.73	1.55	15
16	1.46B	1.13B	2.62B	8.08	0.951	4.81	0.554	0.466	0.481	1.60	1.82	5.90	16
17	1.44B	1.28B	2.48	10.9	0.878	2.59	0.597	0.431	0.455	1.60	1.73	6.00B	17
18	1.40B	1.24B	2.84	8.91	0.524	1.71	0.738	0.421	1.52	1.19	1.72	3.50B	18
19	1.36B	1.09	3.08	5.68	0.630	4.35	0.864	0.412	1.50	0.965	1.73	2.20B	19
20	1.33B	1.12	3.28	9.41	0.768	4.87	0.777	0.679	1.01	0.860	1.82	1.89	20
21	1.32B	1.14	3.68	10.4	0.832	4.11	0.658	0.433	0.934	0.828	2.85	2.00A	21
22	1.31B	1.15	3.43	6.77	0.799	2.68	0.614	0.506	0.961	0.839	3.17	1.99A	22
23	1.40B	1.15	3.42B	5.53	0.878	2.03	0.584	1.02	0.884	0.737	2.37 A	1.94	23
24	1.38B	1.13B	3.89	4.82	1.56	1.63	0.541	1.00	0.828	0.707	5.06	4.74	24
25	1.32B	1.12B	4.73	4.28	1.31	1.53	0.510	1.36	0.831	0.685	3.41	15.8	25
26	1.29B	1.11B	4.94	3.86	1.06	1.59	1.09	1.65	0.813	0.649	2.36	11.6	26
27	1.26B	1.10B	4.17B	3.51	0.926	1.35	1.90	1.18	0.890	0.858	1.88	5.93	27
28	1.25B	1.09B	4.10B	3.15	0.875	1.17	1.69	1.02	1.25	0.638	1.69	4.37	28
29	1.22B		3.51B	2.93	1.36	1.14	0.988	0.990	1.09	0.672	6.79	3.78	29
30	1.21B		4.22	2.85	1.51	1.09	1.05	0.787	0.930	0.678	6.91	2.60B	30
31	1.25B		19.9		2.27		1.32	0.698		0.657		2.30B	31
TOTAL	46.50	33.04	93.46	257.32	41.431	50.833	24.960	24.691	21.076	25.354	72.895	133.87	TOTAL
MEAN	1.50	1.18	3.01	8.58	1.34	1.69	0.805	0.796	0.703	0.818	2.43	4.32	MEAN
MAX	2.10	1.32	19.9	28.7	2.62	4.87	1.90	1.65	1.52	1.60	6.91	15.8	MAX
MIN	1.21	1.09	1.02	2.85	0.524	0.639	0.510	0.412	0.248	0.620	0.785	1.49	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.26
MAXIMUM DAILY, 28.7 ON APR 1
MINIMUM DAILY, 0.248 ON SEP 12
MAXIMUM INSTANTANEOUS,
35.6 AT 20:10 EST ON MAR 31

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 41 38 N
LONG 79 52 58 W
DRAINAGE AREA, 168 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 020	JUL	2 160
FEB	2 850	AUG	2 130
MAR	8 070	SEP	1 820
APR	22 200	OCT	2 190
MAY	3 580	NOV	6 300
JUN	4 390	DEC	11 600

TOTAL DISCHARGE, 71 300 dam³

YORK RIVER NEAR BANCROFT - STATION NO. 02KD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.21	6.00B	5.22B	11.5	59.9	14.8	10.3	6.39	3.83	3.48	3.14	21.8	1
2	7.26B	6.02B	5.22B	14.2	54.5	19.6	11.4	4.68	4.43	4.40	3.83	22.2	2
3	7.30B	5.98B	5.25B	15.3	47.2	20.5	10.1	3.24	3.81	3.93	3.96	24.4	3
4	7.26B	5.87B	5.42B	16.5	31.7	22.7	9.53	4.20	3.89	4.21	4.03	29.6	4
5	7.20B	5.75B	5.58B	16.8	28.4	21.6	8.94	4.79	4.51	3.69	4.81	31.1	5
6	7.18B	5.68B	5.61B	17.1	27.1	20.0	7.80	3.99	4.48	3.16	4.86	29.1	6
7	7.10B	5.60B	5.48	18.1	23.5	18.3	7.61	3.83	3.95	4.06	4.81	50.6	7
8	7.03B	5.52B	5.42B	17.6	23.8	14.7	7.63	4.51	3.76	3.63	4.72	48.6	8
9	7.00B	5.43B	5.42B	17.2	24.0	12.9	7.53	4.15	4.57	2.79	4.63	45.1	9
10	6.92B	5.38B	5.39B	17.2	23.5	10.5	7.69	4.09	4.00	3.98	4.58	40.8	10
11	6.90B	5.28B	5.24	17.3	22.7	10.5	7.65	4.68	3.56	3.56	4.59	30.5	11
12	6.80B	5.12B	5.42	17.4	20.0	10.4	7.48	3.93	4.59	4.58	5.02	27.8	12
13	6.72B	5.02B	5.27	20.0	8.48	9.73	7.26	3.97	4.00	3.86	8.37	24.0	13
14	6.63B	5.00B	5.60	25.1	10.1	9.59	6.11	4.64	3.99	4.03	9.39	24.1	14
15	6.60B	4.98B	6.11	27.0	10.6	7.08	4.37	3.99	4.59	4.61	9.81	24.0	15
16	6.42B	4.89B	11.3	35.5	10.8	7.53	4.25	3.18	3.98	3.14	10.2	23.5	16
17	6.38B	4.80B	14.8	45.6	10.7	9.23	4.65	4.06	3.88	4.04	10.4	23.7	17
18	6.30B	4.70B	16.7	57.0	10.5	10.2	4.86	4.01	5.09	3.85	10.4	23.0	18
19	6.20B	4.60B	16.8	66.6	10.2	13.8	5.81	3.92	3.66	3.25	10.5	22.3	19
20	6.18B	4.53B	16.0	81.2	10.7	19.3	5.43	4.62	3.63	3.06	10.5	22.8	20
21	6.07B	4.50B	15.3	79.0	10.7	25.1	4.23	4.60	4.46	4.57	11.4	21.5	21
22	6.04B	4.53B	14.9	83.7	9.98	32.0	4.51	3.25	3.59	3.79	16.8	20.5	22
23	6.04B	4.63B	13.6	81.7	9.46	36.4	4.87	3.85	4.32	3.86	17.6	19.2	23
24	6.00B	5.01B	10.8	79.9	9.98	35.8	4.29	4.52	4.51	4.07	19.4	18.3	24
25	5.87B	5.07B	9.79	79.7	10.9	36.3	4.24	3.96	3.82	2.96	19.6	18.7	25
26	5.78B	5.11B	10.0	81.4	11.1	36.2	4.81	3.87	3.34	3.99	19.2	17.3	26
27	5.77B	5.17B	9.93	88.3	10.9	32.6	4.88	3.92	4.38	3.90	18.9	14.7	27
28	5.72B	5.17B	9.63	72.3	10.6	24.9	4.42	4.02	4.56	3.14	18.0	17.5A	28
29	5.73B		9.34	69.3	10.5	17.7	4.83	4.23	3.61	3.40	19.5	23.0	29
30	5.80B		8.91	84.9	10.8	16.8	4.72	3.84	4.02	4.02	21.7	25.7	30
31	5.90B		9.55		12.1		3.50	3.89		4.11		27.2	31
TOTAL	201.31	145.30	278.99	1 326.2	585.48	576.76	194.84	126.42	122.81	117.53	312.56	881.8	TOTAL
MEAN	6.49	5.19	9.00	44.2	10.9	19.2	6.29	4.08	4.09	3.79	10.4	25.9	MEAN
MAX	7.30	6.02	16.8	83.7	59.9	36.4	11.4	6.39	5.09	4.61	21.7	50.6	MAX
MIN	5.72	4.50	5.22	11.5	8.48	7.08	3.50	3.18	3.34	2.79	3.14	18.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.1
MAXIMUM DAILY, 83.7 ON APR 23
MINIMUM DAILY, 2.79 ON OCT 9
MAXIMUM INSTANTANEOUS,
84.6 AT 16:23 EST ON APR 30

SUMMARY FOR THE YEAR 1982

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 08 N
LONG 77 50 43 W
DRAINAGE AREA, 837 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 400	JUL	16 800
FEB	12 600	AUG	10 900
MAR	24 100	SEP	10 600
APR	115 000	OCT	10 200
MAY	58 600	NOV	27 000
JUN	49 800	DEC	69 300

TOTAL DISCHARGE, 414 000 dam³

NAME	STATION NO.	PAGE
ABITIBI RIVER AT ABITIBI CANYON	04ME002	1
ABITIBI RIVER AT IROQUOIS FALLS	04MC001	1
ABITIBI RIVER AT OWAKAMANA	04ME003	2
ABITIBI RIVER AT OTTER RAPIDS	04ME004	2
ABITIBI RIVER AT TWIN FALLS	04MC002	3
ALBANY RIVER ABOVE MOTTIK ISLAND	04GD001	3
ALBANY RIVER AT OUTLET OF LAKE ST. JOSEPH	04GA001	4
ALBANY RIVER BELOW ACHAPI LAKE	04GC002	4
ALBANY RIVER NEAR HAT ISLAND	04MA001	5
ALDER CREEK NEAR NEW DUNDEE	02GA030	5
AMABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK	02JE019	6
ASHEWEIG RIVER AT STRAIGHT LAKE	04DB001	6
ATIKOKAN RIVER AT ATIKOKAN	05PB018	7
ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE	04FB001	7
ATTAWAPISKAT RIVER BELOW NUKETEI RIVER	04FC001	8
AUBINADONG RIVER ABOVE SESABIC CREEK	02CB003	8
AUSABLE RIVER NEAR SPRINGBANK	02FF002	9
AUX SABLES RIVER AT MASSEY	02CE002	9
AVON RIVER BELOW STRATFORD	02GD018	10
BALL LAKE AT BALL LAKE LODGE	05QE013	10
BASSWOOD RIVER NEAR WINTON	05PA012	11
BATCHAWANA RIVER NEAR BATCHAWANA	02BF001	11
BAYFIELD RIVER NEAR VARNA	02FF007	12
BEAR BROOK NEAR BOURGET	02LB008	12
BEAR CREEK ABOVE WILKESPORT	02GG004	13
BEAR CREEK BELOW BRIGDEN	02GG009	13
BEAR CREEK NEAR PETROLIA	02GG006	14
BEAVER CREEK NEAR MARMORA	02HK006	14
BEAVER RIVER NEAR CLARKSBURG	02FB009	15
BEAVERTON RIVER NEAR BEAVERTON	02EC011	15
BESTON CREEK NEAR TOTTENHAM	02ED100	16
BERENS RIVER ABOVE BERENS LAKE	05RC001	16
BERRY CREEK AT THE OUTLET OF BERRY LAKE	05PD026	17
BIG CARP RIVER NEAR SAULT STE. MARIE	02BF004	17
BIG CREEK NEAR DELHI	02GC006	18
BIG CREEK NEAR WALSINGHAM	02GC007	18
BIG OTTER CREEK ABOVE OTTERVILLE	02GC017	19
BIG OTTER CREEK AT TILLSONBURG	02GC010	19
BIG OTTER CREEK NEAR CALTON	02GC026	20
BIG TROUT LAKE AT TROUT LAKE	04CE001	20
BIG TURKEY LAKE (OUTFLOW A) ABOVE BATCHAWANA RIVER	02BF005	21
BIG TURKEY LAKE (OUTFLOW B) NEAR BATCHAWANA MOUNTAIN	02BF006	21
BIG TURKEY LAKE (STATION E) NEAR BATCHAWANA MOUNTAIN	02BF009	22
BIGHEAD RIVER NEAR NEAFORD	02FB010	22
BLACK CREEK NEAR WESTON	02HC027	23
BLACK RIVER AT SUTTON	02EC012	23
BLACK RIVER NEAR ACTINOLITE	02HL003	24
BLACK RIVER NEAR MARATHON	02BB002	24
BLACK RIVER NEAR WASNAGO	02EC002	25
BLACK STURGEON RIVER AT HIGHWAY NO. 17	02AC002	25
BLACKWATER RIVER AT BEARDMORE	02AD010	26
BLANCHE RIVER ABOVE ENGLEHART	02JC008	26
BLOOMFIELD CREEK AT BLOOMFIELD	02HE001	27
BLUE SPRINGS CREEK NEAR EDEN MILLS	02GA031	27
BOB CREEK NEAR MINDEN	02MF004	28
BONNECHERE RIVER NEAR CASTLEFORD	02KC009	28
BOWMANVILLE CREEK AT BOWMANVILLE	02HD006	29
BOYNE RIVER AT EARL ROWE PARK	02ED102	29
BRIGHTSAND RIVER AT MOBERLEY	04GB005	30
BRONTE CREEK AT PROGRESTON	02HB016	30
BRONTE CREEK NEAR ZIMMERMAN	02HB011	31
BURNT RIVER NEAR BURNT RIVER	02MF003	31
CAMAGAGIGUE CREEK NEAR ELMIRA	02GA023	32
CAMAGAGIGUE CREEK NEAR FLORADALE	02GA036	32
CANARD RIVER NEAR LUKERVILLE	02GH003	33
CARP RIVER NEAR KINBURN	02KF011	33
CARRICK CREEK NEAR CARLSRUHE	02FC011	34
CASTOR RIVER AT RUSSELL	02LB006	34
CAT RIVER BELOW WESLEYAN LAKE	04GA002	35
CATARAQUI RIVER AT CHAFFEYS LOCKS	02MA002	35
CATFISH CREEK NEAR SPARTA	02GC018	36
CEDAR CREEK AT WOODSTOCK	02GD011	36
CEDAR RIVER BELOW WABASKANG LAKE	05QE008	37
CHIPPEWA CREEK AT NORTH BAY	02DD014	37
CHUKUMI RIVER NEAR EAR FALLS	05QC001	38
CLYDE RIVER AT GORDON RAPIDS	02KF013	38
CLYDE RIVER NEAR LANARK	02KF010	39
COLD CREEK AT ORLAND	02HK007	39
COLD CREEK NEAR BOLTON	02HC023	40
COLDWATER RIVER AT COLDWATER	02ED007	40
COLLINS CREEK NEAR KINGSTON	02HM005	41
COMMANDA CREEK NEAR COMMANDA	02DD015	41
COMESTOGO RIVER ABOVE DRAYTON	02GA039	42
COMESTOGO RIVER AT GLEN ALLAN	02GA028	42
COMISTON CREEK ABOVE WANAPITEI RIVER	02DB007	43
CONSECON CREEK AT ALLISONVILLE	02HE002	43
CREDIT RIVER AT BOSTON MILLS	02HB018	44
CREDIT RIVER AT ERINDALE	02HB002	44
CREDIT RIVER NEAR CATARACT	02HB001	45
CREDIT RIVER NEAR ORANGEVILLE	02HB013	45
CREDIT RIVER WEST BRANCH AT NORVAL	02HB008	46
CROWE RIVER AT MARMORA	02HK003	46
CROWE RIVER NEAR GLEN ALDA	02HK005	47
CURRENT RIVER NEAR STEPSTONE	02AB015	47
DEDRICK CREEK NEAR PORT ROWAN	02GC013	48
DEPOT CREEK AT BELLROCK	02HM002	48
DETROIT RIVER AT AMHERSTBURG	02GH008	49
DETROIT RIVER AT LA SALLE	02GH007	49
DINGMAN CREEK BELOW LAMBETH	02GE005	50
DON RIVER AT TODMORDEN	02HC024	50
DON RIVER AT YORK MILLS	02HC005	51
DUCHESNAY RIVER NEAR NORTH BAY	02DD008	51
DUFFINS CREEK ABOVE PICKERING	02HC019	52
DUFFINS CREEK AT PICKERING	02HC006	52
EAGLE RIVER AT EAGLE RIVER	05QD003	53
EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT	02LB012	53
EAST CANAGAGIGUE CREEK NEAR FLORADALE	02GA035	54
EAST CASTOR RIVER NEAR RUSSELL	02LB021	54
EAST HUMBER RIVER AT KING CREEK	02HC032	55
EAST HUMBER RIVER NEAR PINE GROVE	02HC0??	55
EAST OAKVILLE CREEK NEAR OKAGH	02HB?04	56
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POOR

QUALITY

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